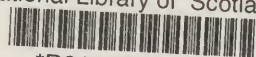


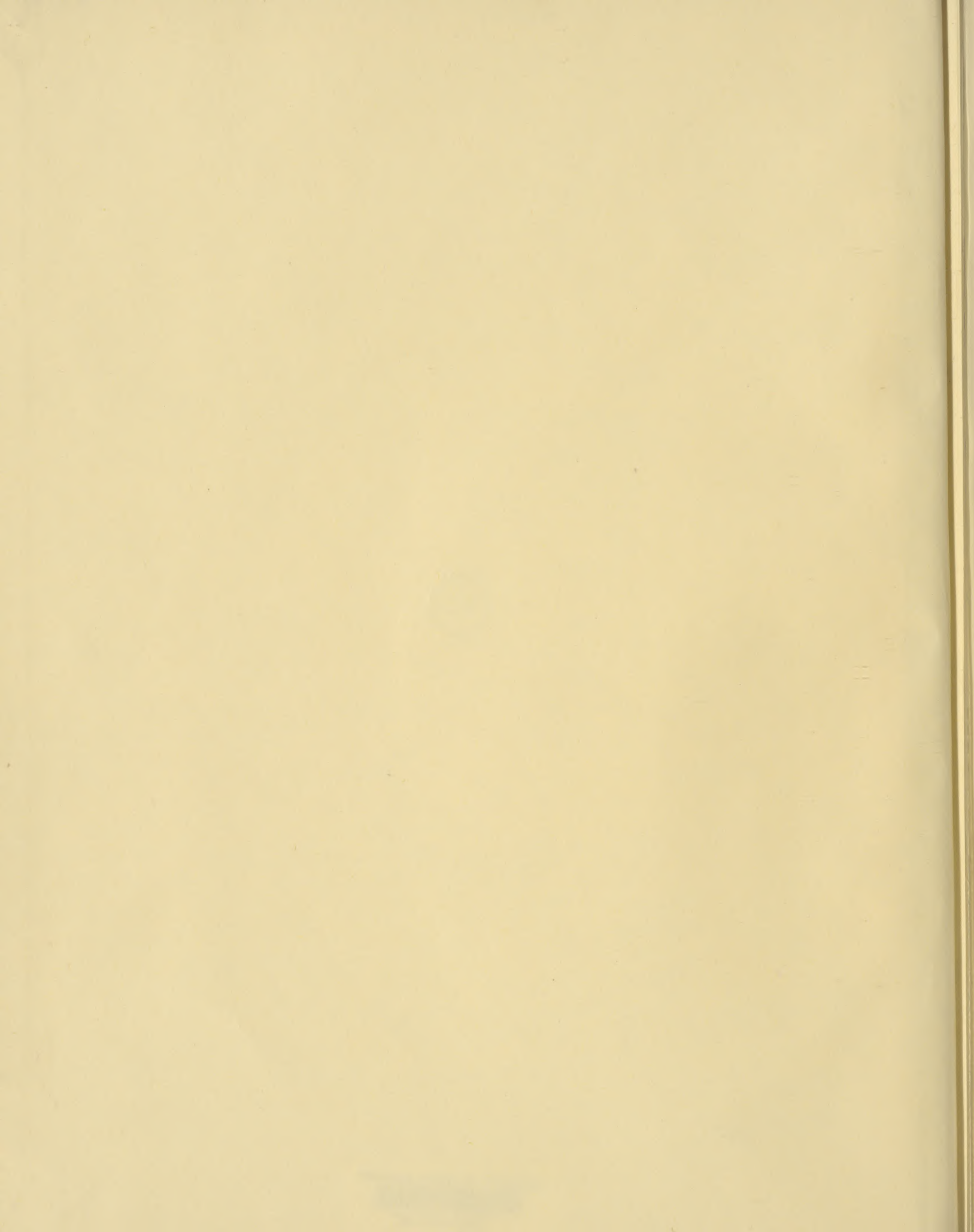
X.207.4.

National Library of Scotland



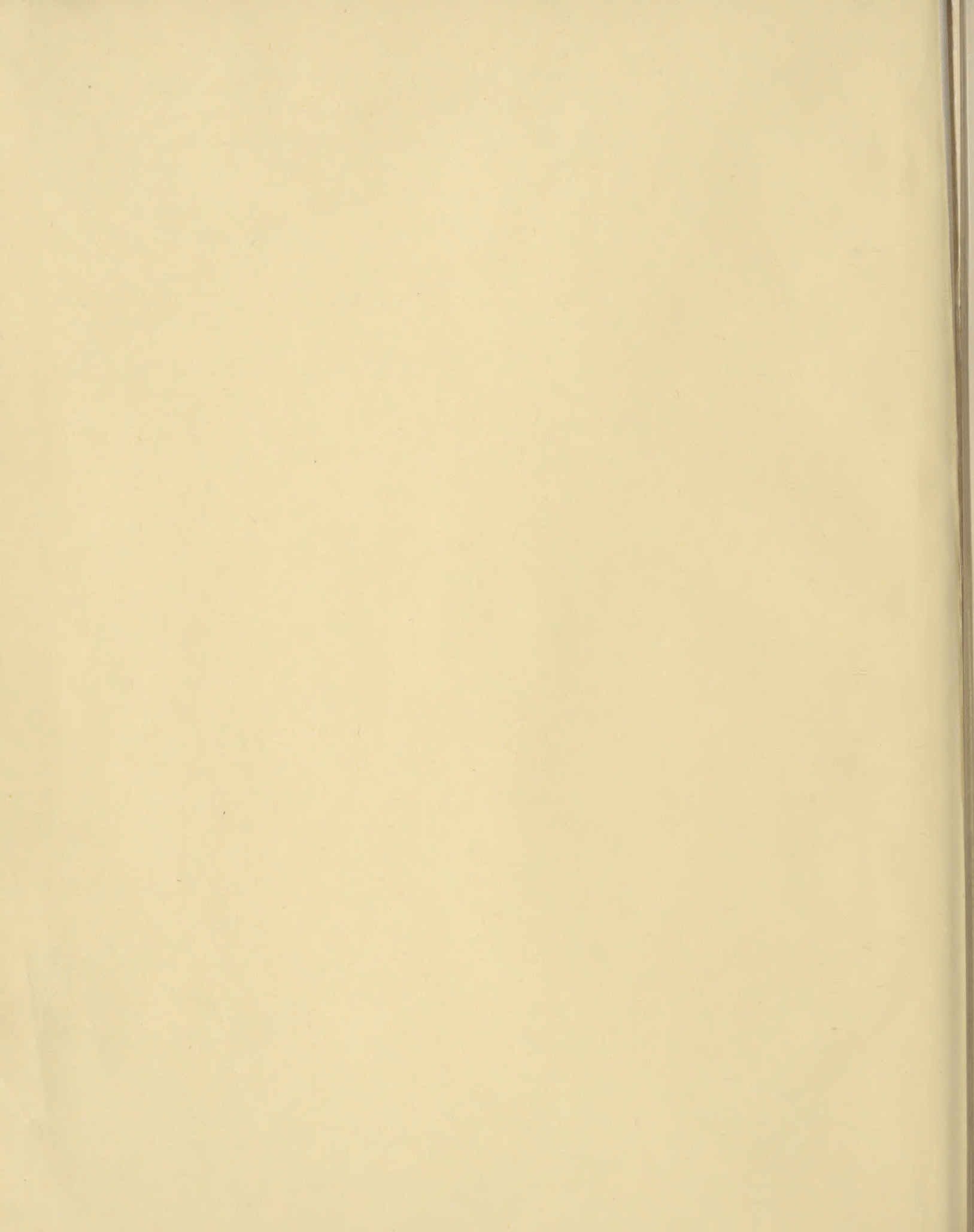
B000448661





ENCYCLOPEDIA BRITANNICA

SIXTH EDITION



ENCYCLOPÆDIA BRITANNICA

NINTH EDITION

ENCYCLOPEDIA BRITANNICA

NINTH EDITION

THE
ENCYCLOPÆDIA BRITANNICA
A
DICTIONARY
OF
ARTS, SCIENCES, AND GENERAL LITERATURE
NINTH EDITION

INDEX

WITH LIST OF CONTRIBUTORS AND KEY TO THEIR INITIALS



EDINBURGH: ADAM AND CHARLES BLACK

MDCCCLXXXIX

[*All Rights reserved.*]

ENCYCLOPEDIA BRITANNICA

DICTIONARY

AND GENERAL INFORMATION

SIXTH EDITION

INDEX

ADAM AND CHARLES BLACK

P R E F A C E.

AN index commonly needs no preface, but it seems not unreasonable to explain why an alphabetical Encyclopædia is furnished with an alphabetical index. In smaller works of reference which partake of the nature of verbal lexicons no such thing is needed; but the plan of the *Encyclopædia Britannica* is to deal with subjects rather than words, and to discuss large subjects in a connected way, under general headings, so that the book may be used not only for occasional reference but for systematic study. Many things, therefore, which a reader may wish to understand are explained, not under their own names, but in the course of a larger discussion, and those who desire to learn about them will find the explanation in its proper place by the aid of this index volume. The index has been compiled by Mr William Cairns, and arranged and revised by the Rev. Geo. M'Arthur, with the assistance of Miss Emily Stevenson and Mr J. T. Bealby.

Besides the index, the present volume contains a complete list of those who have written articles for the ninth edition of the *Encyclopædia*, with a key to the initial letters affixed to the longer contributions. It is to be observed that the use of these initials was not designed to lighten the responsibility of the editors. No editor can possess the knowledge which would enable him to control the work of his contributors in all the subjects treated of in the *Encyclopædia*, but no effort has been spared on the part of the editorial staff to secure the accuracy and sufficiency of every contribution, and to prevent those repetitions and inconcinnities which necessarily occur where each contributor is absolutely and solely responsible for the articles that bear his name.

In this endeavour the editors have been heartily supported by the contributors themselves: a large proportion of the unsigned articles have been written by scholars of the first name, who kindly undertook to do small things as well as large in order to secure the uniform treatment of a whole group of subjects, and in all departments leading authorities at home and abroad have been found ready to help, not merely by their direct contributions, but by valuable counsels as to the plan of articles and the choice of writers—often also by revising what others had written, and suggesting corrections and improvements.

The list of contributors, and the initials appended to the longer articles, are sufficient to show that the ninth edition of the *Encyclopædia Britannica* is no mere compilation, but the work of specialists writing from firsthand knowledge, to an extent that had not been attempted in previous works of the kind. But an *Encyclopædia*, however brilliant its list of contributors, must always owe much to the constant and stated labours of a resident staff, whose members give their whole time to the work, and to these gentlemen a special acknowledgment is due. The Rev. George M'Arthur read every sheet of the book down to 1883, after which date he had the assistance of Mr J. T. Bealby, but continued to take the chief and most responsible share in that minute revision which every line of such a work demands. The late Mr W. Browning Smith from 1873 to 1878, Prof. Adamson from 1874 to 1876, Mr H. A. Webster from 1874 to 1887, Mr F. H. Butler in 1876 and 1877, and Mr T. F. Henderson from 1877 to 1884 gave their daily service to the work of the *Encyclopædia*, writing regularly on their own subjects, and helping the editors in various other ways. From the year 1878 Mr J. Sutherland Black acted as assistant editor, and from 1883 to the close of the work he was chief of the resident staff. To his knowledge, zeal, and judgment the work owes more than can be here expressed. It ought to be added that the task of the editors has at all times been much facilitated by the excellent administration of the publishers, who, quite apart from the ability and liberality with which they have conducted the business part of the undertaking, have throughout taken the greatest interest in the literary work of the *Encyclopædia*, and have given to the editors the manifold assistance which can be derived from a practical knowledge of affairs.

W. ROBERTSON SMITH.

CHRIST'S COLLEGE, CAMBRIDGE,
February 18, 1889.

I N D E X

INDEX

ENCYCLOPÆDIA BRITANNICA.

INDEX

A — ABD

- A**, the first letter of the alphabet, I. 1.
- AA**, rivers, various European countries, I. 2.
- AACHEN** (Aix-la-Chapelle, *q.v.*), town, Germany, I. 431.
- AAHMES**, king of Egypt, VII. 736.
- AALBORG**, town, Denmark, I. 2.
- AALLEN**, town, Württemberg, I. 2.
- AALST** (Alost), town, Belgium, I. 597.
- AALUM**, or Alam, emperor of Delhi, VI. 12; XII. 802.
- AAR**, river, Switzerland, I. 2; XX. 519; XXII. 776.
- AARAU**, town, Switzerland, I. 3; XXII. 778.
- AARD-VARK**, species of Edentata, I. 3; XV. 389.
- AARD-WOLF**, species of Carnivora, I. 3; XV. 437.
- AARGAU**, canton, Switzerland, I. 3; XXII. 778, 785, 794.
- AARHUUS**, town, Denmark, I. 3.
- AARON**, of Scripture, I. 3; XVIII. 510; family of, X. 143; Aaronite priesthood, XIV. 489.
- **BAR MADANI**, Syriac writer, XXII. 853.
- AARSSENS**, Francis van, Dutch diplomatist, I. 4.
- AASEN**, Ivar, Norwegian philologist, XVII. 592; XXI. 374.
- ABABDE**, African tribe, I. 4, 260; XVII. 611.
- ABACA**, plant, I. 4; XV. 488; culture of, in Philippines, XVIII. 751.
- ABACI**, Liber, Leonardo of Pisa's work, XIX. 125.
- ABACO**, islands, Bahamas, III. 236.
- ABACUS**, I. 4; XVII. 626.
- ABADAVINE**, bird, XXII. 99.
- ABÆ**, town, Greece, I. 4; XVIII. 801.
- ABAI** (Blue Nile), river, Abyssinia, I. 62; XVII. 507.
- ABAKANSK**, town, Siberia, I. 4.
- ABANA**, river, Syria, I. 4; VI. 790; XXII. 821.
- ABANCAY**, town, Peru, I. 4.
- ABANDONING**, in law, I. 5.
- ABANDONMENT**, in marine assurance, I. 4; XIII. 186.
- , in law of railways, I. 5.
- ABANO**, town, Italy, I. 5; mineral water of, XVI. 434.
- , **Pietro d'**, Italian philosopher, I. 5; on physiognomy, XIX. 4.
- ABARIS**, the Hyperborean, I. 5; VII. 478.
- ABASIA**, district, Russia, I. 50.
- ABATED WORK**, in architecture, II. 459.
- ABATEMENT**, in law and commerce, I. 5.
- ABATI**, Niccolo, Italian painter, I. 5.
- ABATTIS**, in fortification, IX. 422.
- ABATTOIR**, I. 5.
- ABAUZIT**, Firmin, French writer, I. 7.
- ABB**, town, Arabia, I. 8.
- ABBACOMITES**, lay abbots, I. 24.
- ABBADIE**, James, Protestant divine, I. 8.
- ABBA JARED**, mountain, Abyssinia, I. 250.
- ABBAS I.**, the Great, shah of Persia, I. 8; XVIII. 637.
- **II.**, of Persia, XVIII. 638.
- **III.**, of Persia, XVIII. 640.
- , Persian poet, XVIII. 655.
- , Theophilus, instructor of Justinian, XXIII. 276.
- **MIRZA**, prince of Persia, I. 8; XVIII. 648.
- ABBASIDS**, or Abbassides, caliphs of Baghdad, I. 8; XVI. 578; II. 259; VII. 749; their coins, XVII. 660.
- ABBASINATION**, kind of torture, VI. 802.
- ABBÉ**, French title, I. 9.
- ABBE**, Prof. E., his researches on the microscope, XVI. 264, 269, 274.
- ABBEOKUTA** (Abeokuta), town, West Africa, I. 9; XXIV. 754.
- ABBESS**, I. 9; XVI. 706.
- ABBEVILLE**, town, France, I. 10; XXII. 261.
- ABBAY**, I. 10.
- ABBIATE GRASSO**, town, Italy, I. 22.
- ABBON** of Fleury, French writer, I. 22.
- ABBOT**, I. 22; XVI. 700; in House of Lords, XVIII. 459, 463.
- , Charles, Lord Colchester, VI. 124.
- , George, archbishop of Canterbury, I. 25.
- , George, the Puritan, I. 25.
- , Robert, Puritan divine, I. 25.
- **OF UNREASON**, V. 704.
- ABBOTSFORD**, I. 26.
- **CLUB**, I. 26.
- ABBREVIATIONS**, with list, I. 26; in inscriptions, XIII. 126.
- ABBREVIATORS**, writers in papal chancery, I. 29.
- ABBT**, Thomas, German philosopher, X. 535.
- ABDALLAH**, Omayyad caliph in Spain, XXII. 312.
- **B.-YAZIM**, founder of the Almoravides, I. 595.
- **B.-ZOBAIR**, pseudo-caliph, XVI. 567.
- ABDALLATIF**, physician and traveller, I. 30; on anatomy, I. 805.
- ABD AL-MELIK**, Omayyad caliph, XVI. 569.
- ABD AL-MUMIN**, Moorish prince in Spain, I. 593; XXII. 316.

- ABD AL-RAHMAN I., emir of Cordova, XVI. 578, 579; XXII. 310.
 — II., emir of Cordova, XXII. 312.
 — III., caliph of Cordova, XXII. 313.
 ABD-EL-CAABA (Abu-Bekr), I. 60.
 ABD-EL-KADER, Algerian emir, I. 30, 567.
 ABD-EL-WAHAB, founder of the Wah-habees, II. 260.
 ABDERA, town, Thrace, I. 30; coins of, XVII. 640.
 —, town, ancient Spain, I. 30.
 ABDERAME (Abd al-Rahman), emir of Cordova, XXII. 310.
 ABDICATION, with list, I. 30; of emperor Charles V., v. 417.
 ABDOMEN, I. 31, 835; VII. 223; surgery of, XXII. 690; wounds of, XV. 781.
 ABDOMINALES, subdivision of fishes, I. 31.
 ABDOMINALIA, division of Crustacea, VI. 666.
 ABDUCTION, in law, I. 31; XIV. 69; XXIV. 642.
 ABD-UL-AZIZ, Turkish sultan, XXIII. 651.
 ABD-UL-HAMID, Turkish sultan, XXIII. 652.
 ABD-UL-LATIF (Abdallatif), physician, I. 30.
 —, Persian sovereign, XVIII. 632.
 ABD-UL-MEJID, Turkish sultan, I. 31; XXIII. 650.
 A BECKET, or Becket, Thomas, archbishop of Canterbury, I. 31.
 A'BECKETT, Gilbert Abbott, English humorist, I. 33.
 ABEL, of Scripture, I. 33.
 —, Sir Frederick A., his experiments on gun-cotton, XI. 277; on gunpowder, XI. 322; XVI. 445, 460.
 —, Karl Friedrich, German musician, I. 33.
 —, Niels Henrik, Norwegian mathematician, I. 33, 516; VIII. 508; XIII. 40, 66, 67, 69.
 —, Thomas, English divine, I. 33.
 ABELARD, Peter, scholastic philosopher, I. 34; XXI. 424; his contest with St Bernard, III. 602; his relations with William of Champeaux, v. 386.
 ABELIAN FUNCTIONS, VI. 726; IX. 821.
 ABELIANS, religious sect, I. 33.
 ABENCERRAGES, Moorish family, I. 35.
 ABENDANAS, translators of Mishnah, XVI. 506.
 ABENEZRA, Jewish writer, I. 36.
 ABENSBERG, town, Bavaria, I. 36.
 ABEOKUTA, town, West Africa, I. 9; XXIV. 754.
 ABERAVON, town, Wales, I. 36.
 ABERBROTHOCK (Arbroath), town, Scotland, II. 324.
 ABERCIUS, Phrygian saint, XVIII. 853.
 ABERCONWAY (Conway), town, Wales, VI. 330.
 ABERCROMBIE, John, Scottish physician and philosopher, I. 36; XV. 817.
 ABERCROMBY, David, Scottish physician and philosopher, I. 36.
 —, James, speaker of the House of Commons, I. 37.
 —, Patrick, Scottish writer, I. 37.
 —, Sir Ralph, British general, I. 38.
 ABERDARE, town, Wales, I. 38.
 ABERDEEN, town, Scotland, I. 39; libraries, XIV. 523, 542; newspapers, XVII. 423; population, XXI. 528; university, XXIII. 843, 854.
 —, Fourth Earl of, I. 46; English premier, VIII. 366.
 —, Old, town, Scotland, I. 43.
 ABERDEENSHIRE, Scotland, I. 43; area and population, XXI. 528; representation, XXIII. 727.
 ABERDEVINE, bird, XXII. 99.
 ABERDOUR, village, Scotland, I. 46.
 ABERFELDY, village, Scotland, I. 46.
 ABERGAVENNY, town, Monmouthshire, England, I. 46; XVI. 754; wood sculpture in church, XXIV. 646.
 ABERNETHY, town, Scotland, I. 46; XVIII. 667; XX. 477.
 —, John, Irish divine, I. 47.
 —, John, English surgeon, I. 47.
 ABERRATION, of light, I. 47; XIV. 584, 589; XVI. 259; XVIII. 246, 252; XXIV. 424, 435, 439; its discovery by Bradley, II. 757; chromatic, XVI. 259; XVII. 803; XXIII. 141; in the eye, VIII. 819; of lenses, XVII. 803; XXIII. 140.
 ABERTEIFI (Cardigan), town, Wales v. 95.
 ABERYSTWTH, town, Wales, I. 48; University College at, XXIII. 856.
 ABESHR, town, Wadai, Central Africa, XXII. 279.
 ABETTOR, in law, I. 83.
 ABEYANCE, in law, I. 48.
 —, Peerages in, XVIII. 467.
 ABGAR, kings of Edessa, I. 48; VII. 653.
 ABGEORDNETENHAUS, Prussian chamber, XX. 18.
 ABHA, Syriac writer, XXII. 828.
 —, patriarch, Syriac writer, XXII. 844.
 ABHD-ISHO, Syriac writer, XXII. 827.
 ABHD-ISHO BAR BAHRIZ, metropolitan of Mosul, XXII. 849.
 ABHD-ISHO BAR BERIKHA, metropolitan of Nisibis, Syriac writer, XXII. 855.
 ABHIDHARMA, the philosophy of Buddhism, IV. 432.
 ABHSAMYA, Syriac writer, XXII. 828.
 ABHZUDH, Syriac writer, XXII. 849.
 ABIAD, Bahr-el (White Nile), river, Africa, I. 48; XVII. 506, 508.
 ABIDE WITH ME, Lyte's hymn, XV. 121.
 AB-I-ISTADA, lake, Afghanistan, I. 230.
 ABILA, ancient town, Syria, I. 49.
 ABILDGAARD, Nikolaj, Danish painter, I. 49; VII. 93.
 ABIMELECH, of Scripture, I. 49; XIII. 401.
 ABINGDON, town, England, I. 49.
 ABIOTENESIS, in biology, I. 49; III. 688.
 ABIPONES, Indian tribe, I. 50; Dobrizhoffer's history of them, VII. 308.
 ABJURATION, Oath of, I. 581; XVII. 701.
 ABKHASIA, district, Asiatic Russia, I. 50.
 ABKHASIANS, race of Circassians, v. 257.
 ABLATION, of glaciers, X. 627.
 ABLUTION, I. 50.
 ABNER, of Scripture, I. 51.
 ABNEY, Capt. William de W., his contributions to photography, XVII. 826, 830, 834; XXIII. 142; investigations in spectroscopy, XXII. 380.
 ABNICUM (Anni), ancient town, Asia Minor, II. 72.
 ÅBO, province, Finland, IX. 217.
 —, town, Finland, I. 51; observatory at, XVII. 714.
 ABOLITION OF SLAVERY, general movement for, XXII. 141; Wilberforce's part in, XXIV. 565; in United States, XXIII. 752, 763, 767, 781; Garrison's advocacy, X. 85.
 ABOMASUM, fourth stomach of ruminants, I. 51.
 ABOMEY, town, Dahomey, Africa, I. 51; VI. 765.
 ABONG ABONG, mountain, Sumatra, XXII. 638.
 ABOO ARESH, district, Arabia, II. 253.
 ABOOSEER (Abusir), town, Egypt, IV. 576; pyramids of, VII. 772; XX. 123.
 ABOOSIMBEL (Abu-Simbel), temple of, Nubia, II. 388.
 ABORIGINES, I. 51.
 ABORTION, in midwifery, I. 52; criminal, XIII. 4; XV. 780; in cows, XXIV. 204.
 ABOUKIR, town, Egypt, I. 52; Nelson's victory off (1798), XVII. 322; Napoleon's victory off (1799), XXIII. 648; Abercromby's debarkation at (1801), I. 38.
 ABOU-MENGEL, bird, XII. 606.
 ABOUT, Edmond, French writer, IX. 679.
 ABRABANEL, Isaac, Jewish statesman and writer, I. 52.
 ABRACADABRA, charm, I. 52.
 ABRAHAM, Hebrew patriarch, I. 52.
 — of Kashkar, Syriac writer, XXII. 837.
 — of Nephtar, Syriac writer, XXII. 836.
 — of Nisibis, Syriac writer, XXII. 836.
 —, Plains of, Quebec city, XX. 168.
 — BAR DASHANDADH, Syriac writer, XXII. 844.
 — B. DAVID, rabbi, XX. 191.
 — A SANCTA CLARA, German preacher and satirist, I. 55; X. 531.

- ABRAHAM'S BOSOM, limbus patrum, XIV. 646.
- ABRANTES, town, Portugal, I. 55.
- , Duchess of, XIII. 779.
- , Duke of (Junot), French general, XIII. 779; XIX. 551.
- ABRASION, by rivers, X. 275.
- ABRAXAS, or Abrasax, charm, I. 56; Gnostic name of the Supreme God, III. 420; X. 141.
- ABRIACHANITE, mineral, XVI. 418.
- ABRIDGMENTS, in copyright law, VI. 361.
- ABRINCATÆ (Avranches), ancient town, France, III. 157.
- ABRO, island in Baltic, Russia, XVII. 732.
- ABRUZZO, province, Italy, I. 56.
- ABSALOM, of Scripture, I. 56; VI. 840; XIII. 405; tomb of, II. 393.
- AND ACHITOPHEL, Dryden's poem, VII. 492.
- ABSALON, Danish statesman, I. 57; VI. 345.
- ABSAROKA MOUNTAINS, Wyoming, U.S.A., XXIV. 737.
- ABSCISS, in surgery, I. 57; treatment of, XXII. 683; in ophthalmology, XVII. 781, 786; of liver, tropical, XVIII. 396.
- ABSENTEEISM, of landlords in Ireland, XIII. 229, 269.
- ABSINTHE, liqueur, I. 57.
- ABSOLUTE, in philosophy, I. 57.
- , Philosophy of the, XXI. 393; XXIII. 247.
- MEASUREMENTS, in electricity, VIII. 15, 103.
- SPIRIT, Hegel's, XVI. 87.
- TEMPERATURE, XI. 566; XXIII. 285.
- UNIT FORCE, XV. 699.
- ABSOLUTION, I. 58; XVIII. 487.
- ABSOLVITOR, in Scots law, I. 58.
- ABSORPTION, I. 58; of food into blood, XVII. 677; of light, XIV. 600; XX. 213; in plants, IV. 119; XIX. 44.
- ABSTEMII, religious sect, I. 58.
- ABSTINENCE, ascetic, II. 677.
- SOCIETIES, XXIII. 159.
- ABSTRACTION, in philosophy, I. 58; III. 47.
- ABSRDUM, Reductio ad, I. 59.
- ABU, sacred mountain, India, I. 59; XIII. 543; XXII. 98.
- ABU-ABDULLAH MAHOMMED (Ibn Battuta), geographer, XII. 607.
- ABU-ALI AL-HASAN (Alhazen), mathematician, I. 572.
- ABU-ALI AL-HOSEIN IBN-SINA (Avicenna), philosopher and physician, III. 152.
- ABUAM, town, Morocco, XXIII. 21.
- ABUBACER, Spanish Moslem philosopher, II. 269.
- ABUBAKER, rajah of Johore, XIII. 730.
- ABU-BASIR, runaway from Mecca, XVI. 558.
- ABU-BEKR, caliph, successor of Mohammed, I. 60; II. 257; XVI. 561.
- ABU-BEKR MOHAMMED IBN-JAHYA (Avempace), philosopher, III. 144; II. 269.
- ABU-BISHIR, fish, XIX. 429.
- ABU-DANI (Eldad Ben Malchi), Jewish traveller, VII. 827.
- ABU-FARAJ, Arabian writer, II. 263.
- ABU-GHALIB BAR SABUNI, Syriac writer, XXII. 850.
- ABU-HAMED MUHAMMAD AL-GAZALI, Arabian philosopher, I. 510.
- ABU-JAFAR AL-MANSUR, caliph, XV. 500; XVI. 578.
- ABU-JAFAR MOHAMMED B. JARIR AT-TABARI, Arabian historian, XXIII. 3.
- ABULA (Avila), ancient town, Spain, III. 156.
- ABUL-ABBAS, first Abbasid caliph, XVI. 578.
- ABUL-ABBAS AHMED (Ibn Khallikan), Arabian writer, XII. 609.
- ABUL-ABBAS AHMED IBN-MOHAMMED EL-MAKKARI, Arabian writer, XV. 311.
- ABULCASIM, Arabian surgeon, XV. 805; XXII. 675.
- MANSUR (Firdousi), Persian poet, IX. 225.
- ABULFARAGIUS, Gregorius (Abul-Faraj, Bar-Hebræus), Arabian historian, I. 60; XXII. 853; XXIII. 5.
- ABULFAZL, Indian historian, I. 60.
- ABULFEDA, Arabic historian, I. 60; II. 263, 264.
- ABULGHAZI-BAHADUR, khan of Khiva, I. 61.
- ABUL-HAKAM, Moorish invader of Spain, XXII. 319.
- ABUL-HASSAN, Arabian diallist, VII. 153.
- ABUL-HIN, mountain, Syria, XIV. 394.
- ABUL-KASIM, Arabian physician, XV. 805; XXII. 675.
- ABULKHAIR, Mongol khan, XVI. 729.
- ABULMAJD MAJDUD B. ADAM (Sanai), Persian poet, XXI. 254.
- ABUL-TAYYIB (Al-Motanabbi), Arabian poet, XVII. 1.
- ABULWAFI, Mohammed, Arabian algebraist, I. 512.
- ABUL-WALID MERWAN (Rabbi Jonah), Jewish philologist, XIII. 737.
- ABUL-WALID MOHAMMED IBN-ROSHD (Averroes), philosopher, III. 149.
- ABU-MAASCHAR (Abumazar), Arabian astronomer, I. 456; XVI. 596.
- ABU-MERWAN ABDMALEC IBN-ZOHR (Avenzoar), III. 145; XV. 805.
- ABU-MOSLIM, founder of the Abbasid dynasty, XVI. 576, 578.
- ABUNA, title of the archbishop of Abyssinia, I. 61.
- ABU-NASR IBN-HAMMAD EL-JAUHARY, Arabic lexicographer, XIII. 598.
- ABU-NASR MUHAMMAD AL-FARABI, Arabian philosopher, I. 501.
- ABU-OBAIDA, Arabian historian, XXIII. 3.
- ABU-SAID, Persian sovereign, XVIII. 632.
- ABU-SAID B. ABUL-KHAIR, Persian poet, XVII. 771; XVIII. 658.
- ABUSCHEHR, or Abushehr (Bushire), town, Persia, IV. 574.
- ABU-SIMBEL, or Ipsambul, Nubia, I. 61; temple of, II. 388.
- ABUSIR, town, Egypt, IV. 576; pyramids of, VII. 772; XX. 123.
- ABU-TAHIR AL-MANSUR, Fatimite caliph, XV. 500.
- ABU-TEMAN, or Abu-Temmam, Arabian poet, I. 61; II. 263; XI. 402; XVI. 539.
- ABUTMENTS, Stability of, IV. 324.
- ABU-YAHYA AL-MARWAZI, Syrian physician, XXII. 847.
- ABU-YUSUF AL-KINDI, Arabian philosopher, I. 578.
- ABU-ZAKARIYA, prince of Tunis, XXIII. 621.
- ABU-ZEID ABDARRAHMAN (Ibn Khaldoun), Arabic writer, XII. 609.
- ABYDOS, ancient town, Asia Minor, I. 61; XVII. 122.
- , ancient town, Egypt, I. 61; VII. 775; pyramids of, XX. 124.
- ABYSSINIA, I. 61, 262; Arabian settlements in, XXIV. 739; birds of, III. 758; filigree from, IX. 164; Gallas of, X. 38; introduction of Christianity, IX. 804; languages, XVI. 654; Lobo's travels in, XIV. 743; Prester John of, XIX. 717.
- ABYSSINIAN CHURCH, Canon of the, V. 13.
- ABYSSINIAN MONTHS, V. 716.
- ABYSSINIANS, I. 262.
- ACACIA, genus of plants, I. 68; catechu from, V. 220; gum from, XI. 275.
- , False, culture of, II. 318.
- ACACIANS, early Christian sect, XV. 145.
- ACACIUS, patriarch of Constantinople, XIX. 492.
- of Amid, Syriac writer, XXII. 829.
- of Seleucia, Syriac writer, XXII. 830.
- ACADEMIA ESPAÑOLA, XXII. 360.
- ACADEMICAL PRECEDENCE, XIX. 668.
- ACADEMIC SCHOOL OF PHILOSOPHY, I. 68.
- ACADEMIC VESTMENTS, VI. 463.
- ACADEMIES, I. 68; importance of, for the advance of science, XXIV. 800; of Italy, XIII. 507; musical, XVII. 83.
- ACADEMUS, grove of, I. 68; XIX. 194.
- ACADEMY, I. 68.
- , at Athens, I. 68; III. 2; XIX. 194.
- , French, founded by Richelieu, IX. 570; its influence on French literature, IX. 658.
- , Royal, London, XIV. 836.
- ACADIA, or Acadie, former name of Nova Scotia, I. 79; XVII. 375, 601; its relation to Maine, U.S.A., XV. 301.
- ACALEPHÆ, group of animals, I. 79.

- ACAMARCHIS AVICULARIA, species of Polyzoa, XIX. 437.
- ACANTHIAS, genus of sharks, XXI. 775.
- ACANTHITE, mineral, XVI. 392.
- ACANTHOCEPHALA, parasitic worms, I. 79; II. 54; XVIII. 259; in Lankester's classification, XXIV. 813.
- ACANTHOCYSTUS, genus of Protozoa, XIX. 845.
- ACANTHODINI, suborder of fishes, XII. 686.
- ACANTHODRILUS, genus of worms, XXIV. 678.
- ACANTHOGLOSSUS, genus of mammals, XV. 378.
- ACANTHOMETRIDEA, subclass of Protozoa, XIX. 851.
- ACANTHOMYS, genus of Rodentia, XVII. 6.
- ACANTHOPTERYGII, order of fishes, I. 79; XII. 688.
- PHARYNGOGNATHI, order of fishes, XII. 691.
- ACANTHUS, genus of plants, I. 79.
- ACANTHYLLIS, genus of birds, XXII. 760.
- ACAPULCO, town, Mexico, I. 79.
- ACARIDEA, order of Arachnida, II. 274.
- ACARNANIA, province, ancient Greece, I. 79; coins of, XVII. 642.
- ACARUS, genus of Arachnida, I. 79; II. 276; XVI. 528; gall-producers, X. 43.
- AUTUMNALIS, harvest bug, XI. 501; XVI. 529.
- ACCAD, or Akkad, subdivision of Babylonia, III. 185; XVI. 51.
- ACCADIAN INSCRIPTIONS, VII. 795; XIII. 114; language of, I. 604; dictionary, VII. 189.
- ACCA LARENTIA, in Roman legend, XIV. 313.
- ACCARON, or Ekron, town of the Philistines, VII. 794.
- ACCELERATION, in dynamics, I. 79; XV. 682; diagram of, VII. 150; energy of, XV. 769; lunar, II. 799.
- ACCENT, ACCENTUATION, in language, I. 80; XI. 37; XVIII. 788; XXII. 384; in Latin, XIV. 329; in Romance languages, XX. 664; in Sanskrit, XXI. 272.
- ACCENTOR, genus of birds, XXII. 369.
- ACCENTS, in ancient MSS., XVIII. 165.
- ACCEPTANCE, in commerce, I. 82.
- ACCEPTATIONS, The, supplement to Book of the Consulate, VI. 317.
- ACCESSION, I. 83.
- ACCESSORY, in criminal law, I. 83; VI. 588.
- ACCIAJUOLI, Donato, Italian writer, I. 83.
- ACCIDENCE, in grammar, XI. 38.
- ACCIDENT, in logic, I. 83.
- ACCIDENT INSURANCE, XIII. 161.
- ACCIDENTS, in mines, XVI. 466; VI. 72; railway, XX. 250; at sea, XXI. 601.
- ACCIPTRES, group of birds, XI. 534; XVIII. 47.
- ACCIUS, poet of 16th century, I. 83.
- ACCIUS, Lucius, Latin tragic poet, I. 83; XVIII. 129; his language, XIV. 332.
- ACCLAMATION, I. 83.
- ACCLIMATIZATION, I. 84; IV. 248; of fish, XII. 665; XIX. 128; of fish in New Zealand, XVII. 470; of insects, XIII. 141.
- ACCOLADE, in conferring knighthood, I. 90; XIV. 118.
- ACCOLTI, Benedict, Tuscan lawyer, I. 90.
- , Bernard, improvisatore, I. 90.
- , Pietro, cardinal, I. 90.
- ACCOMMODATION, in Biblical interpretation, I. 90.
- , in commerce, I. 90.
- , Ophthalmic disorders of, XVII. 785.
- ACCOMPTANT (Accountant), I. 92.
- ACCORAMBONI, Vittoria, Italian lady, I. 90.
- ACCORDION, musical instrument, I. 91.
- ACCORSO, Francis, Florentine lawyer, I. 91; his Glossa, X. 686.
- , Mariangelo, Neapolitan critic, I. 91.
- ACCOUNT, Stock Exchange term, I. 91.
- ACCOUNTANT, I. 92.
- ACCOUNTANT-GENERAL, Court of Chancery official, I. 92.
- ACCOUNT BOOKS, Manufacture of, XXII. 461.
- ACCOUNTS, Banking, III. 332.
- ACCRA, town, West Africa, I. 92.
- ACCRINGTON, town, England, I. 92.
- ACCUM, Frederick, chemist, I. 92.
- ACCUMULATOR, electrical machine, I. 92; VIII. 34.
- MACHINERY, Hydraulic, XII. 522.
- ACCURSIUS (Accorso, *q.v.*), I. 91.
- ACCUSED PERSONS, Torture of, XXIII. 462.
- ACE, on cards and dice, I. 92.
- ACELUM (Asolo), ancient town, Italy, II. 714.
- ACEPHALA, section of molluscs, I. 92; XVI. 633, 684.
- ACEPHALI, I. 92.
- ACER, genus of trees, XV. 523.
- ACERA, genus of molluscs, XVI. 655, 656.
- ACERATHERIUM, fossil rhinoceros, XX. 523.
- ACERBI, Joseph, Italian traveller, I. 93.
- ACERINA CERNUA, species of fish, XIX. 481.
- ACERNUS, Polish poet, I. 93.
- ACERRA, incense box, I. 93.
- , town, Italy, I. 93.
- ACERVETIS (Mangalia), ancient town, Thrace, XV. 479.
- ACETALS, in chemistry, V. 567.
- ACETATE OF LEAD, XIV. 378.
- ACETIC ACID, I. 93; V. 569.
- ACETYLENE, in chemistry, V. 521, 559; XVIII. 237.
- ACHÆAN LEAGUE, I. 93; IX. 62; XI. 107; under Philopœmen, XVIII. 790; in time of Polybius, XIX. 411.
- ACHÆMENIAN DYNASTY, Persia, XVIII. 565.
- ACHÆNIUM, form of fruit, IV. 151.
- ACHAIA, state, ancient Greece, I. 93; XIX. 411; coins of, XVII. 642.
- ACHAN, of Scripture, I. 94.
- ACHARD, Franz Carl, Prussian chemist, I. 94; his platinum process, XIX. 190; manufactures beet-sugar, XXII. 625.
- ACHARIUS, Erik, Swedish botanist, I. 94; his classification of lichens, XIV. 560.
- ACHARNIANS, The, play of Aristophanes, II. 508.
- ACHATES, friend of Æneas, I. 94.
- ACHEEN (Achin), in Sumatra, I. 95; XXII. 639.
- ACHELNOTUS (Agelnoth), archbishop of Canterbury, I. 279.
- ACHELOUS, river, Greece, I. 94.
- ACHENWALL, Gottfried, German writer, I. 94; on statistics, XXII. 461.
- ACHERON, in classical mythology, I. 94.
- , river, Albania, I. 447; V. 266.
- ACHILL, island, Ireland, I. 94; XIII. 216; XV. 650.
- ACHILLES, in Greek legend, I. 94; XII. 117; XX. 643; his obsequies, III. 398; his connexion with Scyros, XXI. 574; shield of, II. 347.
- PONTARCHES, Cult of, XVII. 753.
- TATIUS, Greek writer, I. 95; XX. 635.
- ACHILLINI, Alessandro, Italian anatomist, I. 95, 806.
- , Claudio, Italian poet, XIII. 511.
- ACHIMENES, genus of stove plants, XII. 265.
- ACHIN, state and town, Sumatra, I. 95; XXII. 639.
- ACHMET (Ahmed, *q.v.*), sultans of Turkey, I. 97.
- PASHA, French adventurer, IV. 36.
- ACHRADINA, suburb of Syracuse, XXII. 814.
- ACHRAY, lake, Scotland, I. 97.
- ACHROMATIC BANDS, in spectrum, XXIV. 425, 427.
- ACHROMATIC GLASSES, I. 97; XIV. 595; XVI. 250, 260, 262; XVII. 804; Amici's, I. 738; XVI. 262; Dollond's, VII. 345; XVI. 262; Fraunhofer's, IX. 728.
- ACHROMATIC TELESCOPE, XXIII. 137.
- ACHROMATIN, in tissues, XIX. 832.
- ACHROMATISM, in optics, XIV. 592, 595, 601; XVII. 804; of the eye, XIV. 601.
- ACICULIDÆ, family of snails, XXII. 187.
- ACID, in chemistry, I. 97; V. 477, 486; acetic, I. 93; lactic, XIV. 196; oxalic, XVIII. 91; phthalic, XVIII. 855; prussic, XX. 21; tartaric, XXIII. 69; uric, XXIV. 11.
- ACIDALIUS, Valens, German writer, I. 98.
- ACID-AMIDES, in chemistry, XVII. 519.
- ACIDS, Fatty, X. 697; organic, V. 553, 568; XIX. 52; vegetable, XIX. 52.

- ACIDULATED SPRINGS, XVI. 436.
 ACINACES, Persian sword, I. 98.
 ACINETARIA, class of Protozoa, XIX. 865; XXIV. 812.
 ACIPENSER, genus of fishes, XXII. 611.
 ACIREALE, town, Sicily, I. 97; XXII. 31.
 ACIS, in mythology, I. 98.
 ACKEN, town, Prussia, I. 435.
 ACKERMANN, Johann C. G., German physician, I. 98.
 ACMITE, mineral, XVI. 416.
 ACNE, skin disease, XXII. 121.
 ACNODE, in geometry, VI. 723; XXII. 669.
 ACELA, tribe of worms, XIX. 172, 174.
 ACÆMETÆ, or Acæmeti, order of monks, I. 98; XVI. 700.
 ACOLHUAS, people, ancient Mexico, XVI. 209.
 ACOLYTE, order of clergy, I. 98; XVII. 820.
 ACONCAGUA, province, Chili, I. 98; V. 616.
 —, volcano, Chili, II. 16; V. 616.
 ACONCIO, Giacomo, jurist and theologian, I. 98.
 ACONITE, genus of plants, I. 98; poison, XIX. 279; extract of, in different pharmacopœias, XVIII. 731.
 ACONTIDÆ, family of lizards, XIV. 733.
 ACONTIUS, jurist and theologian, I. 98.
 ACORNS, Economic uses of, XVII. 692.
 ACORUS, genus of plants, I. 99.
 ACOSTA, Christoval d', Portuguese naturalist, I. 99.
 —, Joseph d', Spanish writer, I. 99.
 —, Uriel d', Portuguese Jewish nobleman, I. 99.
 ACOTYLEDONES, class of plants, I. 99.
 ACOTYLEDONOUS PLANTS, IV. 92.
 ACOUSTICS, I. 100; of speech-organs, XVIII. 811; XXIV. 273; in relation to telephony, XXIII. 127.
 ACOUSTIC TRICKS, in magic, XV. 307.
 ACQUAVIVA, Claudio, general of the Jesuits, XIII. 651, 653.
 ACQUI, town, Italy, I. 120; mineral water of, XVI. 434.
 ACQUISITIVENESS, in phrenology, XVIII. 845.
 ACRA, town, Gold Coast, Africa, I. 92; race and language, X. 756.
 ACRAË, Syracusan settlement, Sicily, XXII. 814; XVIII. 167.
 ACRE, measure of surface, I. 120.
 —, or St Jean d'Acre, town, Syria, I. 120; capture of, by Saladin (1191), VII. 754; XXIII. 161; Knights Hospitallers at, XXI. 174; Napoleon's repulse at (1799), XVII. 201; XXII. 179.
 ACREDULA, genus of birds, XXIII. 419.
 ACROBAT, I. 120.
 ACROBATA, genus of phalangiers, XVIII. 729.
 ACROCEPHALUS, genus of birds, XXIV. 366.
 ACROCERAUNIA, promontory, Greece, I. 120.
 ACROCERAUNIAN MOUNTAINS, Greece, I. 447.
 ACROCHORDIDÆ, family of snakes, XXII. 193.
 ACRODYNIA, toxic disease, XVIII. 407.
 ACROGENÆ, or Acrogens, division of plants, I. 120; IV. 99.
 ACROLEIN, a vapour from oils, XVII. 740.
 ACROLITH, in statuary, I. 120.
 ACROMYODI, group of birds, XVIII. 40, 47.
 ACRON, Sicilian physician, I. 120.
 ACROPOLIS, citadel, Athens, I. 121; III. 1, 5, 6.
 ACROPOLITA, Georgius, Byzantine historian, IV. 613.
 ACROSTIC, I. 121.
 ACROTHERIUM, in architecture, II. 459.
 ACRYDIIDÆ, family of insects, XI. 60; XIII. 153; XIV. 765.
 ACT, in dramatic literature, I. 121.
 —, in law, I. 122.
 — OF CONGRESS, XXII. 471.
 — OF PARLIAMENT, I. 122; XVIII. 313; XXII. 468.
 — OF SEDERUNT, in Scots law, I. 123.
 — OF SETTLEMENT, of English crown, XXI. 696; in Isle of Man, XV. 454.
 — OF UNIFORMITY (1662), XIX. 690.
 ACTA CONSISTORII, Roman edicts, I. 128.
 ACTA DIURNA, Roman gazette, I. 128.
 ACTÆON, in mythology, I. 129.
 ACTA SANCTORUM, of the Bollandists, IV. 18.
 ACTA SENATUS, minutes of the Roman senate, I. 129.
 ACTA THOMÆ, apocryphal book, XXIII. 308.
 ACTE, peninsula, Macedonia, XV. 138.
 ACTIAN GAMES, at Rome, I. 129; XVII. 490.
 ACTIA NICOPOLIS, town, ancient Greece, XVII. 490.
 ACTING, dramatic art, VII. 391, 396; IX. 202, 209.
 ACTINIA, genus of animals, I. 129.
 ACTINISM, property of solar rays, I. 129.
 ACTINOLITE, mineral, XVI. 417.
 ACTINOMETER, thermometer for solar rays, I. 129.
 ACTINOMYCOSIS, disease, XVIII. 270; in cattle, XXIV. 204.
 ACTINOPHRYS, genus of Protozoa, XIX. 845.
 ACTINOSPHERIUM, genus of Protozoa, XIX. 845.
 ACTINOTE, mineral, XVI. 417.
 ACTINOZOA, group of animals, I. 129; VI. 369; VII. 277, 283; their relation to Hydrozoa, XII. 548; skeletal structure of, XXII. 106.
 ACTINURUS, genus of rotifers, XXI. 4.
 ACTION, Chemical, v. 474.
 —, in law, I. 132; limitations of, XIV. 650; in Roman law, XX. 681, 707; XIX. 217.
 —, Least and varying, in mechanics, XV. 723; in optics, XIV. 598.
 —, Mental, XX. 42.
 ACTIUM, in ancient geography, I. 133; battle of (31 B.C.), I. 418; XX. 769.
 —, Era of, v. 716.
 ACTON, village, England, I. 133.
 —, Sir John F. E., Neapolitan commander, I. 133; IX. 79.
 ACTORS, Dramatic, VII. 396; Chinese, VII. 402; English, VII. 434, 437, 439; Greek, VII. 408; Hindu, VII. 399; Roman, VII. 411.
 ACTS OF THE APOSTLES, I. 123; III. 644; XXII. 79; apocryphal, II. 184.
 ACTS OF PETER AND PAUL, apocryphal book, XVIII. 696.
 ACTUALITY, in psychology, XX. 55.
 ACTUARIES, Institute of, their mortality tables, XIII. 170.
 ACTUARY, I. 133.
 ACULEATA, group of insects, XIII. 148.
 ACUÑA, Christoval d', Spanish traveller, I. 133.
 —, Juan de, Spanish viceroy of Mexico, XVI. 219.
 ACUPRESSURE, in surgery, I. 133.
 ACUPUNCTURE, in surgery, I. 133; XXII. 673.
 ACUSIUM (Montelimar), ancient town, France, XVI. 779.
 ADAFUDIA, town, Western Africa, I. 133.
 ADAGIA, work of Erasmus, VIII. 517.
 ADAH, wife of Lamech of Scripture, XIV. 238.
 ADAI KHOKH, mountain, Caucasus, V. 253.
 ADAL, country, Eastern Africa, I. 134.
 ADALBERO, archbishop of Rheims, XX. 508; XXII. 74.
 ADALBERT, archbishop of Bremen and Hamburg, I. 134.
 —, bishop of Prague, I. 134; XIX. 286.
 —, marquises of Tuscany, XXIII. 671.
 ADALIA (Satali), town, Asia Minor, XXI. 317.
 ADAM, of Scripture, I. 134; in relation to Eve, VIII. 733; Manichean view of, XV. 483.
 —, Life of, Jewish apocalyptic book, II. 177.
 — of Bremen, ecclesiastical historian, I. 138.
 —, Alexander, classical teacher, I. 139.
 —, Melchior, German writer, I. 139; XIV. 850.
 —, Robert, Scottish architect, I. 139; XIV. 850.

- ADAM, William, Scottish politician, I. 139.
- DE LA HALLE, early French writer, IX. 642.
- ADAMANTIUS, on physiognomy, XIX. 4.
- ADAMAS, diamond, VII. 162.
- ADAMAWA, or Adamaua, country, Central Africa, I. 140, 272; XXII. 248, 278, 279.
- GROUP, of Negroes, XVII. 319.
- ADAM BLAIR, Lockhart's novel, XIV. 763.
- ADAMIANS, heretical sect, I. 140.
- ADAMITE, mineral, XVI. 405.
- ADAMITES, heretical sect, I. 140.
- ADAMNAN, Scottish saint and author, I. 140; VIII. 405; XXI. 540.
- ADAMS, John, president of United States, I. 141; XXIII. 755; champions Declaration of Independence, XXIII. 743.
- , John, Pitcairn Islander, XIX. 132.
- , John Couch, his share in the discovery of the planet Neptune, II. 813; his logarithmic formulae, XIV. 778.
- , John Quincy, president of United States, I. 142; XXIII. 762; as a poet, I. 722.
- , Richard, English divine, I. 143.
- , Samuel, American statesman, I. 143.
- , Thomas, English Puritan divine, I. 143.
- , William, first Englishman in Japan, XIII. 584.
- ADAM'S BRIDGE, chain of sandbanks, Ceylon, I. 140; V. 359; XX. 266.
- ADAM'S DAUGHTERS, Book of, Jewish apocalyptic book, II. 177.
- ADAM'S NEEDLE, plant, XXIV. 760.
- ADAMSON, Patrick, archbishop of St Andrews, I. 143; XXI. 507.
- ADAM'S PEAK, mountain, Ceylon, I. 140; V. 359.
- ADANA, town, Asiatic Turkey, I. 144; V. 777; province, XXIII. 653.
- ADANGME, dialect, Gold Coast, Africa, X. 756.
- ADANSON, Michel, French naturalist, I. 144.
- ADAPIS, genus of extinct lemurs, XIV. 444.
- ADAPTATION, in biology, I. 145.
- ADARBAIJAN, or Azerbaijan, province, Persia, III. 167; XVIII. 626.
- ADDA, river, Italy, I. 145; XIII. 435.
- ADDANKI, town, Nellore, India, XVII. 321.
- ADDAX, kind of antelope, II. 101.
- ADDER, reptile, I. 145; XXIV. 247; death adder, XXII. 198.
- ADDINGTON, Henry, English prime minister, I. 145; VIII. 363; his relations with Pitt, XIX. 146.
- ADDISON, Joseph, English essayist and poet, I. 146; his place in English literature, VIII. 425, 427; as dramatist, VII. 435; his essays on the imagination, I. 222; his hymns, XII. 592; his relations with Pope, XIX. 484; his connexion with Steele, XXII. 527.
- ADDISON, Thomas, English physician, XV. 817.
- ADDISON'S DISEASE, XVIII. 384; XXII. 122.
- ADDITION, in algebra, I. 520; in arithmetic, II. 527, 534.
- ADEL, country, Eastern Africa, I. 150.
- ADELAAR, Cort Sivartsen, naval commander, I. 150.
- ADELAIDE, town, South Australia, I. 151; XXII. 284; observatory at, XVII. 717; university of, XXIII. 856.
- , wife of William IV. of England, XXIV. 581.
- , wife of emperor Otto I., X. 483.
- ISLAND, Antarctic regions, XIX. 330.
- ADELHEID, queen of Italy, XIII. 469.
- ADELINA LONGA, station, West Africa, XVII. 733.
- ADELM (Aldhelm, *q.v.*), St, bishop of Sherborne, I. 474.
- ADELPHI, Terence's play, XXIII. 187.
- ADELSBERG, town, Austria, I. 151.
- ADELUNG, Friedrich von, German philologist, I. 151.
- , Johann Christoph, German philologist, I. 151.
- ADEN, town, Arabia, I. 152.
- , Gulf of, XX. 316.
- ADENOMA, glandular tumour, XVIII. 379; XXII. 687.
- ADERNO, town, Sicily, I. 152.
- ADERSBACH ROCKS, Germany, I. 153.
- ADFOO, town, Egypt, VII. 783.
- ADGHAGH PLATEAU, Sahara, Africa, XXI. 149.
- ADHEMAR, bishop of Puy, crusader, VI. 624, 626.
- ADHERBAL, Numidian prince, XIII. 766.
- ADHESION, in physics, I. 153; causing capillary action, V. 56.
- ADHESIVENESS, in phrenology, XVIII. 844.
- ADIABATIC COMPRESSION, XI. 570.
- EXPANSION, of gases, XII. 480; XXII. 480; of steam, XXII. 485, 486.
- ADIABENE, in Assyria, XVIII. 605.
- ADIAPHORISTS, ADIAPHORISTIC CONTROVERSY, I. 153; XV. 834.
- ADIB SABIR, Persian writer, XVIII. 658.
- ADIGE, river, Austria and Italy, I. 153; III. 117; XIII. 436.
- ADI GRANTH, sacred book of the Sikhs, XX. 110.
- ADIL SHAH, Persian sovereign, XVIII. 643.
- ADINIDA, order of Protozoa, XIX. 859.
- ADINOLE, mineral, XVI. 419.
- ADIPOCERE, I. 153.
- ADIPOSE TISSUE, I. 154, 851.
- ADIRONDACK MOUNTAINS, New York, U.S.A., I. 154; XVII. 450; XXIII. 792.
- ADIT, drainage tunnel in a mine, I. 154; XVI. 457; in tunnelling, XXIII. 622.
- ADITI, in Hindu mythology, II. 739; XVII. 152.
- ADJUDICATION, in law, I. 154; in Roman law, XX. 690.
- ADJUSTMENT, in commerce, I. 154.
- ADJUTAGE, delivery tube for liquids, I. 154.
- ADJUTANT, military officer, I. 154.
- , bird, I. 154; XIII. 529.
- ADJYGURH, town, India, I. 154.
- ADLER, Kaspar (Aquila), German theologian, II. 230.
- ADLERBETH, Gudmund Göran, Swedish writer, XXII. 756.
- ADMENSURATIO, obsolete English writ, XXIV. 694.
- ADMETUS, chieftain of Epirus, VIII. 484.
- ADMINISTRATION, in government, XI. 16; in intestacy, XIII. 197.
- ADMINISTRATOR, in law, I. 154; VIII. 800.
- ADMIRABLE CRICHTON, VI. 577.
- ADMIRAL, naval officer, I. 154; XVII. 291; of the fleet, I. 155.
- , Lord High, of England, I. 155; XXII. 458.
- ADMIRALTY, Black Book of the, XXI. 584.
- , British Board of, I. 157; XVII. 292.
- , First Lords of the, XVI. 474; list of, I. 156.
- , High Court of, I. 158; vice-admiralty courts, I. 160; XXI. 607.
- , Secretaries of the, list of, I. 158.
- CHARTS, I. 162; XVII. 263.
- DEPARTMENTS, of different countries, I. 158.
- ISLAND, United States, I. 162.
- ISLANDS, Pacific Ocean, I. 162; XV. 835.
- ÄDNA - MUORKI - KORTJE, waterfall, Sweden, XXII. 737.
- ADOLF, count of Nassau, emperor, X. 493; XVII. 239.
- ADOLPHUS, John, English historian, I. 162.
- , John Leycester, his letters on the authorship of Waverley, I. 162.
- FREDERICK, king of Sweden, XXII. 751.
- ADOMNAN (Adamnan, *q.v.*), St, I. 140.
- ADON, Semitic god-name, XXIII. 237.
- ADONIS, of Greek legend, I. 163; XIV. 678.
- , genus of plants, I. 163.
- , river, Syria, I. 163.
- ADOPTIAN CONTROVERSY (8th century), I. 163.
- ADOPTIANISTS (3d century), XXI. 127.
- ADOPTION, in law, I. 163; in Roman law, XX. 672, 713.
- , Biblical term, I. 164.
- ADORATION, I. 164.
- ADOUR, river, France, I. 164; XX. 126.

- ADOWA, town, Abyssinia, I. 164, 64.
 ADRA, town, Spain, I. 164.
 ADRAMYTIIUM, town, Asia Minor, XVII. 122.
 ADRASTUS, in Greek legend, I. 164.
 ADRIA, town, Italy, I. 164.
 —, part of Mediterranean, I. 165.
 ADRIAN, or Hadrian, Roman emperor, XI. 363.
 — I.-V., popes, I. 165.
 — VI., pope, I. 166.
 —, town, Michigan, U.S.A., I. 165.
 — of Utrecht, regent in Spain (Pope Adrian VI.), XXII. 328.
 — DE CASTELLO, cardinal, I. 166.
 ADRIANI, Giovanni Battista, Florentine historian, I. 166.
 —, Marcello Virgilio, Florentine chancellor, XV. 146.
 ADRIANOPLE, province, Turkey in Europe, XXIII. 653.
 —, town, Turkey, I. 166; battle of (378), XXIV. 36; treaty of (1829), XXI. 20; XXII. 590; XXIII. 650.
 ADRIATIC SEA, I. 166; XV. 820; under protection of Venice, XXIV. 142.
 ADROGATION, in Roman law, I. 163; XX. 672.
 ADRUMETUM, ancient town, North Africa, XI. 366.
 ADULARIA, mineral, XVI. 419.
 ADULE, or Adulis, ancient town, Eastern Africa, I. 166; XXIV. 826.
 ADULLAM, Cave of, I. 166.
 ADULTERATION, I. 167; of beer, IV. 273; of butter, IV. 591; of coffee, VI. 114; of honey, XII. 137; of linseed, XIV. 677; of milk, XVI. 305; of oils, XVII. 745, 748; of opium, XVII. 790, 792; of perfumery, XVIII. 527; of silk, XXII. 64; of tea, XXIII. 100; of wine, XVII. 795; XXIV. 603.
 ADULTERY, I. 177; in Roman law, XX. 675; divorce for, VII. 301.
 ADUR, river, England, XXII. 723.
 ADVANCEMENT OF LEARNING, Bacon's work, III. 210.
 ADVENT, in the calendar, I. 177.
 ADVENTISTS, American religious sect, XVI. 320.
 ADVENTURES OF PHILIP, Thackeray's, XXIII. 216.
 ADVERBS, in grammar, XI. 41.
 ADVERSUS GENTES, Arnobius's treatise, II. 625.
 ADVERTISEMENT, I. 177.
 ADVOCATE, legal pleader, I. 178; Roman, XVIII. 413.
 ADVOCATE-GENERAL, Admiralty, I. 161.
 ADVOCATES, Faculty of, in Scotland, I. 179; XIII. 91.
 ADVOCATES' LIBRARY, Edinburgh, XIV. 522.
 ADVOCATION, in Scots law, I. 179.
 ADVOWSON, in English law, I. 179; simoniacal sale of, XXII. 85; in reign of Henry II., VIII. 305.
 ADYAR, suburb of Madras, XV. 189.
 ADYTUM, of temple, I. 179; XXIII. 166.
 ADZE, edge-tool, XI. 437.
 Æ, diphthong, I. 179.
 ÆACUS, in mythology, I. 179.
 ÆBUTIAN LAW, Roman, XX. 696.
 AED, Irish king, XIII. 250.
 —, Laws of, Scotland, XXI. 478.
 AEDAN, or Aidan, bishop of Lindisfarne, I. 424; XIII. 249.
 ÆDILE, Roman public officer, I. 180; XXIII. 557; XX. 738, 771.
 ÆETES, in Greek legend, II. 496.
 ÆGADES, or Ægates, islands, west of Sicily, I. 180; XXII. 31.
 ÆGÆ, or Edessa, ancient town, Macedonia, VII. 652; XV. 137.
 ÆGÆON, in Greek mythology, IV. 277.
 ÆGATES, islands, Sicily, I. 180; XXII. 31; battle near (241 B.C.), XI. 410.
 ÆGEAN SEA, Mediterranean, I. 180; XV. 820; archipelago of, II. 381.
 ÆGEIDÆ, Greek clan, XIX. 98.
 ÆGERINE, mineral, XVI. 416.
 ÆGEUS, in Greek legend, I. 180; XXIII. 294.
 ÆGIALITIS, genus of birds, XIV. 76.
 ÆGIDIUS (Giles), St. x. 595.
 ÆGILIA, island, Greece, V. 346.
 ÆGINA, in mythology, I. 180.
 —, island, Greece, I. 180; coins of, XVII. 642; sculptures of, II. 350, 352.
 ÆGINETA, Paulus, Greek surgeon, I. 181; XV. 804.
 ÆGIS, in mythology, I. 181; XXI. 135.
 ÆGISTHUS, in Greek legend, I. 181.
 ÆGITHALUS, genus of birds, XXIII. 419.
 ÆGITHOGNATHOUS TYPE, of birds, III. 715; XVIII. 35.
 ÆGOSPOTAMI, river, Thrace, I. 182; battle of (405 B.C.), XI. 102; XXIII. 222.
 ÆLFRED, or Alfred, the Great, English king, I. 506; VIII. 283, 285.
 ÆLFRIC, old English writer, I. 182; VIII. 371, 406; his Heptateuch, VIII. 382.
 ÆLIA CAPITOLINA, or Ælia, a name of Jerusalem, I. 182; XIII. 636.
 ÆLIÆ INSULÆ, Lipari Islands, I. 182.
 ÆLIANUS, Casperius, avenger of Domitian, XVII. 353.
 —, Claudius (Ælian), Roman writer, I. 182; on birds, XVIII. 3.
 ÆLIUS GALLUS, his Arabian expedition, II. 257; XXIV. 739.
 ÆLIUS LAMPRIDIUS, Augustan historian, III. 74.
 ÆLIUS SPARTIANUS, Augustan historian, III. 74.
 ÆLIUS THEON, his rhetoric, XX. 514.
 ÆLLA, king of Deira, England, XVII. 569.
 ÆLUROIDEA, section of Carnivora, XV. 434.
 ÆMILIUS, Paulus, Italian historian, I. 182.
 ÆMILIUS PAULUS, Lucius, Roman general, XVIII. 435.
 ÆMONA (Laibach), ancient town, Austria, XIV. 215.
 ÆNACHS, ancient Irish fairs, IV. 253.
 ÆNARIA (Ischia), island, Italy, XIII. 385.
 ÆNEAS, in classical legend, I. 182.
 — SYLVIVS, Pope Pius II., XIX. 152, 503.
 ÆNEID, Virgil's epic, XXIV. 253.
 ÆNESIDEMUS, Alexandrian sceptic, XXI. 380.
 ÆNOS, Mount, Cephalonia, V. 344.
 ÆOLIA, or Æolis, country, Asia Minor, I. 182.
 ÆOLIÆ INSULÆ (Æolian Islands), Mediterranean, I. 182; XIII. 441; XIV. 682; XXII. 31.
 ÆOLIAN HARP, musical instrument, I. 182.
 ÆOLIANS, ancient people, Greece, XI. 90.
 ÆOLIC DIALECT, of Greek, XI. 132.
 ÆOLIS, country, Asia Minor, I. 182; coins of, XVII. 646.
 ÆOLOPILE, ancient heat engine, III. 839; XXII. 473.
 ÆOLOSOMA, genus of worms, XXIV. 679.
 ÆOLOTROPY, VII. 804; magnetic, XV. 243.
 ÆOLUS, in mythology, I. 183.
 ÆON, space of time, I. 183.
 ÆONS, of Gnosticism, X. 701; of the Mandæans, XV. 468; of Valentinus, XXIV. 39.
 ÆPINUS, Franz Maria, German chemist, I. 183; his electrical researches, VIII. 8.
 ÆPVORNIS, extinct bird, XV. 171.
 ÆPVORNITHES, order of birds, XVIII. 44.
 ÆPVPRYMNUS, genus of marsupials, XIII. 840.
 ÆQUI, or Æquians, ancient people, Italy, I. 183; XIII. 445; XX. 739, 742.
 ÆRARIANS, class of citizens, ancient Rome, I. 183.
 ÆRARIUM, Roman treasury, I. 183.
 AERATED BREAD, III. 255.
 AERATED WATERS, I. 184.
 AEROE, island, Denmark, I. 184.
 AEROLITE, I. 184; XVI. 108.
 AERONAUTICAL SOCIETY, I. 202.
 AERONAUTICS, I. 185; electric motors in, XXIII. 496.
 AEROPHORES, for mines, VI. 73.
 AERO-PLANES, for flying machines, IX. 319, 322.
 AEROSTAT, Henson's, IX. 322.
 AEROSTATICS, AEROSTATION, IX. 308; in the Dark Ages, I. 185; works on, I. 207.
 ÆERTSZEN, Pieter, Dutch painter, I. 208.
 ÆRULI, ancient German tribe, XI. 774.
 ÆS, metal, money, I. 208; XVI. 726; XVII. 637, 652.
 ÆSCHINES, Athenian philosopher, I. 208.

- ÆSCHINES, Greek orator, I. 208; VII. 70.
- ÆSCHNIDÆ, family of insects, VII. 385.
- ÆSCHYLUS, Greek tragedian, I. 208; VII. 405; XI. 140; his place in poetry, XIX. 268.
- ÆSCHYNITE, mineral, XVI. 427.
- ÆSCULAPIUS, god of healing, I. 209; VI. 444; XV. 799.
- ÆSCULAPIUS'S SNAKE, XXII. 194.
- ÆSCULUS, genus of trees, XII. 205.
- ÆSERNIA (Isernia), ancient town, Italy, XIII. 386; XXI. 249.
- ÆSIR, gods of the Northmen, I. 209; VII. 650.
- ÆSIS, or Æsium (Jesi), ancient town, Italy, XIII. 644.
- ÆSOP, Greek fabulist, I. 211; III. 181, VIII. 837; Syriac translation of his fables, XXII. 850.
- , Greek historian, I. 212.
- ÆSOPUS, Clodius, Roman actor, I. 212; VII. 412.
- ÆSTHACYTES, sense-cells, in sponges, XXII. 420.
- ÆSTHESIOMETER, for measuring sensitiveness of touch, XXIII. 480.
- ÆSTHETIC FEELINGS, XX. 70.
- ÆSTHETICS, I. 212; XVIII. 795; in relation to the fine arts, IX. 194; the name due to Baumgarten, III. 447; Herbert on, XI. 720; Hutcheson on, XII. 411; Kant on, XIII. 852.
- ÆSTIVATION, of animals, XI. 787; of plants, IV. 13.
- AETAS, aborigines of the Philippines, XVIII. 752.
- AETH, town, Belgium, II. 827.
- ÆTHALEIA (Lemnos), island, Ægean Sea, XIV. 436.
- ÆTHELBERHT (Ethelbert), king of Kent, VIII. 278, 567.
- ÆTHELFRITH (Ethelfrith), king of Northumberland, VIII. 271, 278; XVII. 569.
- ÆTHELINGS, Saxon princes, VIII. 289; XVIII. 302.
- ÆTHELNOTH (Agelnoth), archbishop of Canterbury, I. 279.
- ÆTHELRED, Saxon king of England, VIII. 286, 567.
- ÆTHELSTAN, Saxon king of England, II. 830; VIII. 285.
- ÆTHELWULF, Saxon king of England, VIII. 568.
- ÆTHER, in interstellar space, VIII. 568.
- , of pharmacy, VIII. 568.
- ÆTHIOPIA (Ethiopia, *q.v.*), country, Africa, VIII. 611.
- ÆTHIOPICA, Greek romance by Heliodorus, XI. 632; XX. 635.
- ÆTHRA, of Greek legend, XXIII. 294.
- ÆTIOLOGY, in biology, III. 688; its relation to pathology, XVIII. 361; of parasitism, XVIII. 262; of sponges, XXII. 426.
- AETION, Greek painter, I. 224.
- AETIUS, founder of Arian sect, I. 224.
- , Greek physician, I. 225; XV. 804.
- , Roman general, I. 224; XX. 781; XXIV. 37.
- ÆTNA (Etna), volcano, Sicily, VIII. 627.
- AETOBATIS, genus of fishes, XX. 300.
- ÆTOLIA, province, Greece, I. 225; coins of, XVII. 642.
- ÆTOLIAN LEAGUE, I. 225; XI. 107.
- ÆTOLIANS, people of Messenia, Greece, XVI. 53.
- AETOMORPHÆ, group of birds, III. 713.
- ÆX, genus of birds, XXIII. 105.
- AFANASIEF, Aleksandr Nikolaevich, Russian writer, I. 225.
- AFARS, people of Central Africa, XXII. 255.
- AFER, Domitius, Roman orator, I. 225; XX. 187.
- AFFECTIONS, The, in Butler's philosophy, IV. 586; Stoic doctrine of, XXII. 567. See also Ethics.
- AFFIDAVIT, in law, I. 226.
- AFFILIATION, in law, III. 426; XV. 779.
- AFFINITY, or relationship, I. 226; systems of, IX. 22.
- , Chemical, I. 226, 153; V. 463, 464, 473.
- AFFIRMATION, in place of oath, I. 226; XVII. 701.
- AFFONSO (Alphonso) I., king of Portugal, I. 618; XIX. 540.
- II., of Portugal, I. 618; XIX. 541.
- III., of Portugal, I. 618; XIX. 542.
- IV., of Portugal, I. 618; XIX. 543.
- V., of Portugal I. 618; XIX. 544.
- VI., of Portugal, I. 618; XIX. 548.
- AFFRE, Denis Auguste, archbishop of Paris, I. 226.
- AFGHANISTAN, I. 227; II. 685, 694; conquest of, by Alexander, I. 483; policy of Ellenborough towards, VIII. 146; relations with India, XII. 807, 811; with Persia, XVIII. 648; Ghur territory in, I. 231; X. 569.
- AFGHANS, in India, XII. 792.
- AFGHAN TURKESTAN, I. 241.
- AFGHAN WAR, of 1839, XII. 807; of 1878, XII. 811.
- AFIUM-KARA-HISSAR, town, Asiatic Turkey, I. 244; XIV. 2.
- AFNU, language, Central Africa, XII. 318.
- AFRAGOLA, town, Italy, I. 244.
- AFRANIUS, Lucius, Latin poet, I. 244.
- , Lucius, Roman consul, I. 244.
- AFRICA, I. 245; ancient geography of, X. 14; XIV. 551; Ptolemy's geography of, XX. 95; ancient, conquest of by Vandals, XXIV. 58; coalfields, VI. 58; diamond mines, VII. 164; XI. 204; XXIII. 518; explorations of, X. 182, 188, 194; XVII. 498, 504; XXIV. 763; by Barth, III. 401; by Bruce, IV. 393; by Livingstone, XIV. 720; by Munzinger, XVII. 33; by Park, XVIII. 297; by Speke and Grant, XXII. 390; flora, VII. 289; forests, IX. 407; freshwater fishes, XII. 672; gold, X. 744; languages, XVIII. 778, 780; XXI. 643, 654; dictionaries of languages, VII. 192; Christian missions, XVI. 517; Negro race in, XVII. 316; oases, XVII. 695; rainfall, XVI. 153; religions, XX. 362; slave trade in, XXII. 143.
- AFRICA, Petrarch's Latin poem, XVIII. 711.
- , South, birds of, XVIII. 16.
- AFRICAN RACE, in United States, XXIII. 821.
- AFRICANUS, Julius, church historian, I. 273.
- AFSOS, Sher Ali, Hindustani writer, XI. 849.
- AFTER-EFFECT, in magnetism, XV. 258.
- AFTER-GLOW, in twilight, XXIII. 674.
- AFZELIUS, Adam, Swedish naturalist, I. 273.
- , Arwid August, Swedish historian, I. 273.
- AGA, Turkish title, I. 273.
- AGADAH, of the Jewish Midrash, XVI. 285, 503; XXIII. 36.
- AGADES, town, Central Africa, I. 273; XVII. 695.
- AGADIR, town, Algeria, XXIII. 422.
- , town, Morocco, XVI. 831.
- AGALMATOLITE, mineral, XVI. 425.
- AGAMAS, sacred books of the Jains, XIII. 544.
- AGAMEMNON, in Greek legend, I. 273; XI. 92; XVII. 827.
- , drama of Æschylus, I. 209.
- AGAMI, bird, XXIII. 594.
- AGAMIDÆ, family of lizards, XIV. 733, 736.
- AGAMOGENESIS, in biology, III. 686; of insects, XIII. 146.
- AGAN, town, Ladrone Islands, XIV. 200.
- AGAPE, love feast, I. 274.
- AGAPETUS I., pope, XIX. 493.
- II., pope, XX. 788.
- , Byzantine writer, I. 274.
- AGAPORNIS, genus of birds, XV. 28.
- AGARDE, Arthur, English antiquary, I. 274.
- AGAR-ELLIS, G. J. W., Lord Dover, VII. 381.
- AGARICUS, mushroom, IX. 832; XVII. 74.
- AGARISTE, Wooing of, at Sicily, XXII. 32.
- AGARPARA, town, India, XXIII. 673.
- AGASIAS, Greek sculptor, I. 274.
- AGASSIZ, Louis John Rudolph, naturalist, I. 274; his classification of animals, XXIV. 810; of fishes, XII. 634; on Echinodermata, II. 52; on naturalization, I. 84; on the origin of man, II. 110.
- AGATE, stone, I. 277; XVI. 389; XVII. 776.

- AGATHARCHIDES, Greek grammarian, I. 278.
- AGATHARCHUS, Greek painter, I. 278.
- AGATHIAS, Greek historian and poet, I. 278; II. 103; IV. 612.
- AGATHI ISLAND, Laccadives, XIV. 183.
- AGATHO, Greek tragedian, I. 278.
- AGATHOCLES, tyrant of Syracuse, I. 278; XXII. 20, 816.
- AGATHYRSIANS, people of Transylvania, XXI. 575.
- AGAVE, American aloe, I. 597; XII. 262.
- SISALENSIS, sisal-hemp plant, XXIV. 758.
- AGAW, or Agow, Abyssinian language, I. 64; XXI. 655.
- AGDE, town, France, I. 278.
- AGDISTIS, mother of the gods, XVIII. 691.
- AGE, I. 278; its influence on suicide, XXII. 631; proportion of, in population, XIX. 515; longevity, XIV. 857.
- AGEING, in calico-printing, IV. 687.
- AGELADAS, Greek sculptor, I. 279; II. 350; XVIII. 734.
- AGELNOTH, archbishop of Canterbury, I. 279.
- ÁGEMA, Macedonian cavalry, XV. 140.
- AGEN, town, France, I. 279.
- AGENARDUS (Eginhard), biographer of Charlemagne, VII. 697.
- AGENCY, in law, I. 280.
- AGENDA, liturgical service book, XIV. 710.
- AGENT, in diplomacy, commerce, and law, I. 280; in partnership, XVIII. 330.
- DE CHANGE, in France, I. 281.
- AGE OF REASON, Paine's, XVIII. 136.
- AGER PUBLICUS, Roman public lands, I. 289; XX. 673.
- AGESANDER, Rhodian sculptor, XIV. 293.
- AGESILAUS, king of Sparta, I. 281; XVIII. 577.
- AGEUSIA, disease (loss of taste), XXIII. 80.
- AGGLUTINATIVE LANGUAGES, XI. 39; XVI. 749; XVIII. 774.
- AGGREGATE COMBINATIONS, in mechanics, XV. 762.
- AGGREGATION, States of, in physics, I. 282.
- AGGTELEK, cave, Hungary, I. 420; XII. 362.
- AGHA, Turkish title, I. 273.
- MUHAMMAD, shah of Persia, XVIII. 645.
- AGHLABITES, African Moslem dynasty, XVI. 579.
- AGHRIM, Ireland, Battle of (1691), I. 282.
- AGILULF, king of the Lombards, XIV. 815.
- AGINCOURT, or Azincourt, Battle of (1415), I. 282; VIII. 320; IX. 549.
- AGIO, in commerce, I. 283.
- AGIS, kings of Sparta, I. 283.
- AGISTMENT, Tithe of, I. 283.
- AGISYAMBA, African country, in Ptolemy's geography, XX. 95.
- AGLAOPHAMUS, Lobeck's work, XVII. 124.
- AGLY, river, France, XX. 128.
- AGMONDESHAM (Amersham), town, England, I. 735.
- AGNANO, lake, Italy, I. 283.
- AGNATES, in Roman law, I. 283; XX. 688.
- AGNESI, Maria Gaetana, Italian mathematician, I. 283.
- , Maria Teresa, Italian musician, I. 284.
- AGNI, Hindu god of fire, XII. 780; XXI. 276.
- AGNOETÆ, heretical sect, I. 284.
- AGNOIOLOGY, theory of ignorance, IX. 110.
- AGNOLO, Baccio d', Florentine sculptor, I. 284.
- DA SIENA, Italian architect, I. 285; XXII. 39, 44.
- AGNONE, town, Italy, I. 284; tablet found at, XIII. 446.
- AGNOSTICISM, Kantian, XVIII. 794; XXIII. 246; in modern theology, XXIII. 249.
- AGNUS DEI, I. 284.
- AGOBARD, archbishop of Lyons, I. 284.
- AGOLANTI, Sandro di Giovanni, glass paintings of, X. 670.
- AGONA, Carnival sports of the, Rome, V. 122.
- AGONALIA, Roman festivals, I. 284.
- AGONIC LINES, in magnetism, I. 284.
- AGONOSTOMA, genus of fishes, XVII. 18.
- AGONOTHEA, superintendent of Greek games, I. 284.
- AGORA, Greek market place, I. 285; of Athens, III. 2, 8; Olympian, XVII. 769.
- AGORACRITUS, Greek sculptor, II. 356.
- AGORANOMOI, Greek magistrates, I. 285.
- AGORATUS, Lysias's speech against, XV. 119.
- AGORDO, town, Italy, I. 285.
- AGOSTA, town, Sicily, I. 285.
- AGOSTINI, Leonardo, Italian antiquary, I. 285.
- AGOSTINO, Paolo, Italian musician, I. 285.
- DA SIENA, Italian architect, I. 285.
- VENEZIANO, Italian engraver, XV. 531.
- AGOUTI, genus of rodent mammals, I. 285.
- AGRA, division and district, North-Western Provinces, India, I. 285; XVII. 572; town, I. 286.
- AGRAM, town, Austria, I. 287; VI. 592; university of, XXIII. 852.
- AGRAPHIA, disease, II. 171.
- AGRARIAN LAWS, Roman, I. 287; XIV. 261; XX. 737, 757, 759, 765, 767.
- AGREDA, town, Spain, I. 289.
- AGREEMENT, in law, VI. 322.
- AGRET, town, Asiatic Russia, XXII. 821.
- AGRICOLA, Christoph Ludwig, German painter, I. 290.
- , Cnæus Julius, Roman general, I. 289; in Britain, IV. 353; his invasion of Caledonia, IV. 663; XXI. 471; life of, by Tacitus, XXIII. 20.
- , Georg, German mineralogist, I. 290.
- , Johannes, German Reformer, I. 290; II. 129.
- , Johann Friedrich, German musician, I. 290.
- , Rudolphus, German scholar, I. 290.
- AGRICULTURAL HOLDINGS ACT, of 1875 (English), XIV. 275; of 1883, XX. 306.
- AGRICULTURAL SOCIETIES, I. 305; list of, XXII. 227.
- AGRICULTURE, I. 291; effects of foreign competition on, VI. 414; Arthur Young's contributions to knowledge of, XXIV. 755; small farms, I. 412; XIV. 268.
- AGRICULTURISTS, Education of, I. 408.
- AGRI-DAGH, mountains, Transcaucasia, XXIII. 514.
- AGRIGENTUM (Girgenti), ancient town, Sicily, I. 417; XVIII. 729; XXII. 15, 16.
- AGRIONIA, Greek festival, I. 417; VII. 249.
- AGRIONIDÆ, family of insects, VII. 385.
- AGRIPPA, sceptical philosopher, XXI. 380.
- , Henry Cornelius, German philosopher, I. 418.
- , Herod, king of Judæa, I. 417; XIII. 426.
- , Herod, II., king of Chalcis, I. 418; XIII. 426.
- , Marcus Vipsanius, Roman general, I. 418.
- AGRIPPINA, wife of Germanicus, I. 419.
- , mother of Nero, I. 419; XVII. 347.
- AGROTHERAS THUSIA, Greek festival, I. 420.
- AGTELEK, village and cave, Hungary, I. 420; XII. 362.
- AGUA, Volcano de, Central America, I. 420.
- AGUADO, Alexander Maria, Jewish banker, I. 420.
- AGUARICO, river, Ecuador, VII. 646.
- AGUAS CALIENTES, town, Mexico, I. 420; XVI. 214; state, XVI. 214.
- AGUE, disease, IX. 126; XV. 316; XVIII. 394.
- AGUESSEAU, Henry François d', French chancellor and author, VI. 761; IX. 670.
- AGUILAR, Grace, English authoress, I. 420.
- DE LA FRONTERA, town, Spain, I. 420.
- AGUILLON, François d' (Aguilonius), mathematician, I. 420; on binocular vision, XXII. 537.

AGUIRRA, Josef Saenz d', Spanish writer, I. 420.
 AGULHAS, Cape, South Africa, I. 420.
 — CURRENT, XII. 822; XVII. 276.
 AGULIANS, Caucasian tribe, XIV. 475.
 AGUSAN, river, Philippine Islands, XVIII. 752.
 AGYLLA, or Cære, town, Etruria, IV. 632; VIII. 635.
 AHA, bishop of Seleucia, Syriac writer, XXII. 829.
 AHAB, king of Israel, I. 420; VIII. 134; XIII. 406.
 AHAGGAR, plateau, Sahara, Africa, XXI. 149.
 AHALA, Roman family, I. 421.
 AHALKALAKI, town, Transcaucasia, Russia, XXIII. 514.
 AHAMS, race of people, Assam, II. 718; XII. 791.
 AHANTA, territory, Gold Coast, Africa, I. 421.
 AHASUERUS, king of Persia, I. 421; VIII. 560.
 —, the Wandering Jew, XIII. 673.
 AHAZ, king of Judah, I. 422; XIII. 412.
 AHAZIAH, king of Israel, I. 422.
 AHENOBARBUS, Roman family, I. 422.
 AHIRS, tribe, India, XVIII. 72; XV. 303.
 AHITHOPHEL, of Scripture, I. 422.
 AHL HADR, settled Arabs, II. 249.
 AHMAD, Sayyid, Hindu Wahhabist, XI. 849.
 AHMADABAD, district and town, British India, I. 422.
 AHMAD KHAN BAHADUR, Urdu writer, XI. 850.
 AHMADNAGAR, district and town, British India, I. 423.
 AHMED I., Turkish sultan, XXIII. 644.
 — II., sultan, XXIII. 646.
 — III., sultan, I. 97; XXIII. 646.
 — KHAN, Mongol ruler, XVI. 748; XXI. 91.
 — PASHA, Turkish vizier and poet, XXIII. 656.
 — PASHA, Turkish vizier, XXIII. 645.
 — SHAH, Afghan ruler, I. 239, 424; XII. 796.
 — B. TULUN, founder of an Egyptian dynasty, XVI. 586.
 AHOMS, Shan tribe, Burmah, XXI. 773.
 AHR, river, Germany, XX. 20, 519.
 AHRIMAN, Zoroastrian principle of evil, I. 424; VII. 136; XVII. 858; XXIII. 238; XXIV. 822.
 AHTS, American race, Mythology of, XVII. 148.
 AHUACHAPAN, town, San Salvador, Central America, XXI. 268.
 AHUDHEMMEH, Syriac writer, XXII. 834.
 AHUITZOTL, ancient Mexican ruler, XVI. 210.
 AHURA-MAZDA, or Ormuzd (*q.v.*), Zoroastrian principle of good, XVIII. 327; XXIII. 238; XXIV. 822.

AHWAZ, town, Persia, I. 424.
 AI, three-toed sloth, XXII. 162.
 —, town, Palestine, I. 424.
 AIBUGHIR, gulf, Sea of Aral, XXIII. 634.
 AIDAN, St, bishop of Lindisfarne, I. 424; XIII. 249; XXI. 475.
 —, ancient Scottish king, I. 424.
 AIDE-DE-CAMP, military officer, I. 425.
 AIDIN, town, Asiatic Turkey, I. 425; province, XXIII. 653.
 AIDS, feudal tribute, I. 425.
 — TO REFLECTION, Coleridge's work, VI. 138.
 AIGUILLE DU MIDI, mountain, France, XIII. 385.
 AIKEN, town, South Carolina, U.S.A., XXII. 288.
 AIKENHEAD, David, Leighton's epigram on, XIV. 427.
 AIKIN, John, English writer, I. 425.
 —, Lucy, English writer, I. 425.
 AIKINITE, mineral, XVI. 395.
 AIKMAN, William, Scottish portrait painter, I. 425.
 AILANTHUS SILKWORM, XXII. 60; silk from, XIV. 216.
 AILANTO, tree, II. 320.
 AILLY, Pierre d', French cardinal, X. 549; XVII. 132; XX. 320; XXI. 431.
 AILRED, English historian, I. 425.
 AILSA CRAIG, rock, Firth of Clyde, I. 426.
 AILURIDÆ, family of Carnivora, XV. 441.
 AIMÉ, G., on the temperature of the Mediterranean, XV. 823.
 AIN, department, France, I. 426.
 —, river, France, XIII. 782; XX. 528.
 AINAD, town, Arabia, I. 426.
 AINE-CLACH, ancient division, Ireland, XIV. 649.
 AINHARDUS (Eginhard), biographer of Charlemagne, VII. 697.
 AINMÜLLER, Maximilian Emmanuel, German glass-painter, I. 426.
 AINOS, tribe, Japan, I. 426; XIII. 581; their language, XIII. 586; dictionary of, VII. 192; in Saghalin, XXI. 147.
 AINSWORTH, Henry, English divine, I. 426; XII. 724.
 —, Michael, Shaftesbury's letters to, XXI. 732.
 —, Robert, author of Latin Dictionary, I. 427.
 AINTAB, town, Syria, I. 427.
 AIR, I. 427; III. 28, 381; XVI. 114; XIX. 240; XXIV. 157; constituents of, III. 32; measurement of density of, III. 381; expansion of, XII. 480; experiments on, by Cavendish, V. 272; flow of, in pipes, XII. 490; force of, under compression, VIII. 209; geological influences of, X. 264; in relation to health, XII. 567; use of hot in furnaces, IX. 846; measurement of humidity in, XII. 569; impurities in, XXIV. 157; navigation of, I. 187; physical properties of, III. 28; XIX. 240; purification of, by fire, I. 120; as medium of conveying sound, I. 100; sound waves in, XXIV. 418; temperature of, at different elevations, I. 196; temperature of, over open sea, XVI. 117; thermometric properties of, XI. 574; diffusion of aqueous vapour in, VIII. 729; errors from weighing in, XXIV. 478; weight of, III. 28, 32.
 AIR, country, Central Africa, I. 429; XVII. 695.
 —, mountain, Sahara, Africa, XXI. 149.
 — AND FIRE, Scheele's treatise on, XXI. 388.
 AIRAV, Henry, Puritan divine, I. 430.
 AIR BLAST, in forging, IX. 412; in iron smelting, XIII. 290.
 AIRDRIE, town, Scotland, I. 430.
 AIRE, river, England, I. 430.
 —, town, Landes, France, I. 430.
 —, town, Pas-de-Calais, France, I. 430; XVIII. 340.
 AIRECHT, ancient Irish court, IV. 254.
 AIREDALE COLLEGE, Bradford, England, IV. 197.
 AIR-ENGINE, I. 428; XXII. 522.
 AIR-GUN, I. 428.
 AIROLO, town, Switzerland, XXIII. 351.
 AIR-PUMP, I. 429; XVI. 30; XIX. 246; Guericke's invention of, XI. 245; Papin's improvements on, XVIII. 228.
 — MANOMETER, XV. 496.
 AIR THERMOMETER, XI. 563.
 AIRY, Sir George B., on aberration of eye-pieces, XXIII. 144; on the lunar theory, XVI. 801; on the solar parallax, XVIII. 250; on tides and waves, XXIII. 372.
 AISHA, wife of Mohammed, XVI. 552.
 AISIN GIORO, Manchu legendary hero, V. 649; XV. 467.
 AISLE, in architecture, I. 430.
 AISNE, department, France, I. 431.
 AISTULF, king of the Lombards, XIV. 815.
 AITKEN, W., on brass manufactures, IV. 217.
 AITON, William, British botanist, I. 431.
 AITZEMA, Leon van, Dutch historian, I. 431.
 AIX, town, France, I. 431.
 AIX-LA-CHAPELLE, town, Rhenish Prussia, I. 431; XX. 21; mineral water of, XVI. 435; peace of (1748), VI. 270; IX. 586; treaty of (1668), IX. 576.
 AIX-LES-BAINS, town, France, I. 431; XXI. 332; mineral water of, XVI. 435.
 AJACCIO, town, Corsica, I. 432.
 AJAN, region, Africa, I. 432.
 AJAX, in Greek legend, I. 432.
 —, Sophocles's drama, XXII. 272.
 — OILEUS, in Greek legend, I. 433.
 AJEHO, town, Manchuria, I. 433.
 AJI, people, Central Africa, XXII. 256.
 AJMIR, or Ajmere, district and town India, I. 433; division, XX. 260.

- AJODHYA, town, British India, VIII. 855.
 AJURUOCA, town, Brazil, I. 434.
 AKABA, Gulf of, Red Sea, I. 434; XX. 316.
 —, station for Moslem homages, XVI. 551.
 AKABAH, town, Arabia, I. 434.
 AKAKIA, Diatribe du Docteur, Voltaire's work, IX. 671; XXIV. 289.
 AKATZIRS (Khazars), people, XIV. 60.
 AKBAR, the Great, emperor of Delhi, I. 434; II. 700; XII. 794; XX. 110.
 — KHAN, Afghan prince, I. 240.
 AK-DAGH (Ararat), mountain, Armenia, II. 309.
 AK DENIZ, lake, Syria, XXII. 821.
 AKÉ, Pyramid of, Yucatan, XXIV. 759.
 AKEMAN STREET, Roman road, England, XVIII. 94.
 AKEN, town, Prussia, I. 435.
 —, Hein van, Dutch romancist, XII. 90.
 AKENSIDE, Mark, English poet, I. 435.
 AKERBLAD, Jan David, Swedish Orientalist, I. 436.
 AKERMAN, town, Russia, I. 436; convention of (1826), XXI. 20.
 —, John Yonge, English numismatist, I. 436.
 ÄKERMANN, Prof., on iron and steel, XIII. 282.
 AKHAF, desert, Arabia, II. 240.
 AKHALZIKH, or Akhaltsikh, town, Transcaucasia, Russia, I. 436; XXIII. 514.
 AKHBAR (Akbar, *q.v.*), emperor of Delhi, I. 434.
 AKHBARIS, Mohammedan theological school, XXII. 665.
 AKHDAR, Jebel, province and mountain range, Arabia, II. 238, 255.
 —, Jebel al, district, Tripoli, North Africa, XXIII. 575.
 AKHISSAR, town, Asiatic Turkey, I. 436.
 AKHMIN, town, Upper Egypt, VII. 794.
 AKHTUBA, branch from the Volga, Russia, XXIV. 279.
 AKHTYRKA, town, Russia, I. 436.
 AKIBA, Ben Joseph, rabbi, I. 436.
 AKIERMAN, or Akerman, convention of (1826), XXI. 20.
 AKKA (Acre), town, Syria, I. 120.
 AKKAD (Accad), district, Mesopotamia, XVI. 51.
 AKODAH, settlement, West Africa, X. 755.
 AKOLA, district and town, British India, I. 436.
 AKRA, citadel, Jerusalem, XIII. 641.
 —, Jebel, mountain, Syria, XXII. 821.
 AKRAGAS (Agrigentum), ancient town, Sicily, I. 417; XXII. 16.
 AKRON, town, Ohio, U.S.A., I. 437; XVII. 737.
 AKROPONG, settlement, West Africa, II. 217; X. 755.
 AKROSTOMUM, genus of nemertine worms, XVII. 326.
 AKSA, El-, mosque, Jerusalem, XIII. 642.
 AKSARAI, river, Afghan Turkestan, I. 241.
 AK-SU, town, Chinese Turkestan, I. 437; XXIII. 638.
 AK-TUBE, town, Asiatic Russia, XXIII. 627.
 AKUAMU, country, West Africa, II. 217.
 AKYAB, district and town, British Burmah, I. 437; II. 305.
 ALABAMA, State, U.S.A., I. 438; XXIII. 761; population, XXIII. 802.
 —, Confederate cruiser, XXIII. 777, 782.
 — GROUP, Eocene rocks, X. 365.
 ALABANDINE, mineral, XVI. 392.
 — RUBY, mineral, XVI. 386.
 ALABASTER, mineral, I. 439; XV. 529, XVI. 401.
 —, William, English writer, I. 439.
 ALACALUFS, race, Tierra del Fuego, XXIII. 384.
 ALACHUA, savanna, Florida, U.S.A., IX. 338.
 ALACHUN DAGH, mountain range, Caucasus, V. 255.
 ALACRANES, islands, Gulf of Mexico, I. 440.
 ALA-DAGH, mountains, Asia Minor, II. 705.
 AL-AGHLAB, founder of a Moslem dynasty, XVI. 579.
 ALAGHÖZ, mountain, Transcaucasia, XXIII. 514; sulphur from, XXII. 634.
 ALAGOAS, province, Brazil, I. 440.
 ALAHA-ZEKHA, Syriac writer, XXII. 844.
 ALAI, plateau and mountains, Central Asia, XVIII. 103; XXII. 3.
 ALAIN DE LILLE, theologian, I. 440; XXI. 325.
 ALAIS, town, France, I. 440.
 ALAJUELA, town, Costa Rica, I. 441.
 ALA-KUL, lake, Central Asia, XXI. 640.
 ALALITE, mineral, XVI. 416.
 ALAM, emperor of Delhi, XII. 802.
 ALAMANNI, Luigi, Italian poet, I. 441.
 ALAMANNIC LAW, XXI. 215.
 ALAMO, town, Texas, U.S.A., XXI. 254.
 ALAMOS, Los, town, Mexico, I. 441.
 — DE BARRIENTOS, Balthazar, Spanish philologist, I. 441.
 ALAMUT, mountain fortress, Persia, II. 723.
 ALAN, William, cardinal, I. 441.
 ALAND ISLANDS, Gulf of Bothnia, I. 441.
 ALANG-ALANG, grass, in Java, XIII. 602; in Sumatra, XXII. 639.
 ALANS, or Alani, Eastern tribes, I. 441; in Spain, XX. 780; XXII. 308; their inroads on Persia, XVIII. 602; on Rome, XX. 780.
 ALANTIKA, mountain, Soudan, Africa, XXII. 248, 277.
 ALANUS AB INSULIS, theologian, I. 440.
 ALAOTRA, lake, Madagascar, XV. 169.
 ALAPHION, early Syrian Christian, XXII. 291.
 ALARCON, Hernando de, Spanish navigator, I. 442.
 — Y MENDOZA, Juan Ruiz de, Spanish dramatist, I. 442; VII. 421; XXII. 359.
 ALARIC, king of the West Goths, I. 442; X. 849; destruction of Athens by, III. 10; in Italy, XX. 780; his relations to Stilicho, XXII. 550.
 — II., king of the Goths, I. 443.
 ALARUM CLOCK, VI. 24.
 ALASCO, John, Polish theologian, I. 443.
 ALA-SHEHR, town, Asia Minor, I. 443.
 ALASKA, Territory, U.S.A., I. 443; area and population, XXIII. 802; purchased from Russia, I. 711; XXIII. 782; birds of, III. 752; seal fisheries of, XXI. 583.
 ALATAU, mountains, Central Asia, XXI. 64; XXIII. 633, 637.
 ALATRI, town, Italy, I. 444.
 ALATVR, town, Russia, XXII. 77.
 ALAUDA, genus of birds, XIV. 314.
 ALAVA, province, Spain, I. 444; XXII. 298.
 —, Miguel Ricardo d', Spanish general, I. 445.
 ALAY, Turkish ceremony, I. 445.
 ALAZUN, river, Caucasus, V. 255.
 ALB, ecclesiastical vestment, I. 445; VI. 461.
 ALBA, town, Italy, I. 445.
 —, or Alba Longa (*q.v.*), ancient town, Italy, XIV. 344.
 —, or Alva (*q.v.*), Duke of, I. 647.
 ALBACETE, province, Spain, I. 445; XXII. 298; town, I. 446.
 ALBACORE, fish, XXIII. 625.
 ALBA LONGA, ancient town, Italy, I. 445; XII. 166; XIV. 344; XVIII. 489.
 ALBAN, St, British martyr, I. 446.
 — HILLS, Rome, XX. 807.
 ALBANI, Francesco, Italian painter, I. 446; XX. 396.
 —, Giovanni Francesco (Pope Clement XI.), V. 822.
 ALBANIA, ancient country, Asia, I. 448.
 —, Scottish kingdom, XXI. 477.
 —, province, Turkey in Europe, I. 446; XXIII. 653.
 ALBANIAN LANGUAGE, XVIII. 784; dictionaries of, VII. 189.
 ALBANIANS, in Greece, XI. 83.
 ALBAN MOUNT, Jupiter worshipped on, XIII. 780.
 ALBANO, town and lake, Italy, I. 448.
 —, Francesco, Italian painter, I. 446; XX. 396.
 ALBANY, town, New York, U.S.A., I. 448; XVII. 454, 457; State library at, XIV. 535, 550.
 —, town, Western Australia, XXIV. 508.
 —, Louisa of Stolberg, countess of, I. 449; XXII. 99; her relations with Alfieri, I. 502.

- ALBANY, Dukes of, regents of Scotland, XXI. 491, 497; XXII. 610.
- ALBARINE, river, France, XIII. 782.
- ALBARRACIN, district, Spain, XXII. 293.
- ALBATEGNI, Arabian astronomer, I. 449; II. 751; XVI. 596; XXIII. 561.
- ALBATROSS, bird, I. 449; XV. 334.
- AL-BATTANI (Albategni), Arabian astronomer, I. 449; II. 751; XVI. 596.
- ALBAY, town, Philippines, I. 449; volcano, XVIII. 749.
- ALBAZIN, town, Asiatic Russia, I. 747.
- ALBE, ecclesiastical vestment, I. 445.
- ALBEMARLE (Aumale), town, France, III. 85.
- , George Monk, duke of, XVI. 751.
- , island, Galapagos, Pacific, X. 17.
- ALBERIC, patrician of Rome, XX. 787.
- ALBERONI, Giulio, cardinal and Spanish minister, I. 450; IX. 584; XXII. 337.
- ALBERT I.-V., dukes of Austria, I. 450.
- , Achilles, elector of Brandenburg, XX. 4.
- , the Bear, margrave of Brandenburg, I. 451; XX. 2.
- I., king of Germany, I. 450; X. 493; his rule in Switzerland, XXII. 782.
- II., of Germany, I. 450; X. 496.
- , cardinal, elector of Mainz, I. 451.
- , first duke of Prussia, I. 451.
- , king of Saxony, XXI. 356.
- , king of Sweden, XXII. 746.
- , prince consort, of England, I. 451.
- of Saxony, monk, on floating in the air, I. 186.
- of Stade, romancist, XX. 639.
- ALBERTA, district, North-West Territory, British America, XVII. 573.
- ALBERT EDWARD, Mount, Vancouver Island, XXIV. 57.
- ALBERT HALL, London, XIV. 836.
- ALBERTI, Leon Battista, Italian architect, I. 453; II. 437; XIII. 508; XX. 558.
- ALBERTINE TRACTS, on political economy, XIX. 356.
- ALBERTINI, Ippolito Francesco, Italian physician, XV. 815.
- , J. B., Swiss poet, XXII. 799.
- ALBERTITE, mineral, XVI. 428.
- ALBERT NYANZA, lake, Africa, I. 453; XVII. 505.
- ALBERTRANDY, John Christian, Polish historian, I. 453.
- ALBERTUS MAGNUS, scholastic philosopher, I. 453; XVI. 710; XXI. 427; on alchemy, I. 464; on birds, XVIII. 3; his recipe for flying, I. 186.
- ALBERTVILLE, town, France, XXI. 332.
- ALBI, town, France, I. 454.
- ALBIGENSES, religious sect, I. 454; XVI. 710; XVIII. 434; XX. 322; crusades against them, IX. 541.
- ALBIN, Eleazar, on birds, XVIII. 5.
- ALBINISM, skin disease, XXII. 122.
- ALBINO, person abnormally white, I. 455.
- ALBINUS, Bernard Siegfried, anatomist, I. 455; 814.
- , Clodius, Roman general, XXI. 699.
- , Flaccus (Alcuin), learned ecclesiastic, I. 471.
- ALBION PRINTING PRESS, XXIII. 704.
- AL-BIRUNI, Arabian geographer, XIV. 57.
- ALBIS (Elbe), river, Germany, VII. 825.
- ALBITE, mineral, XVI. 419.
- ALBIZZESCHI, St Bernardino, Sienese preacher, III. 603; XXII. 43.
- ALBIZZI, their contests with the Medici, XV. 783.
- ALBOIN, king of the Lombards, I. 455; XIII. 467; XIV. 814; XVII. 234.
- ALBORNOZ, Spanish cardinal, I. 455; XX. 801.
- ALBRECHT, or Albert, dukes of Austria, I. 450.
- ALBRECHTSBERGER, Johann Georg, musician, I. 455.
- ALBRECHTSBURG CASTLE, Meissen, Saxony, XV. 831.
- ALBRET, Henri d', king of Navarre, XV. 538.
- ALBUERA, village, Spain, I. 456.
- ALBUFERA, Duke of (Suchet), French marshal, XXII. 617.
- DE VALENCIA, lagoon, Spain, I. 456; XXII. 295; XXIV. 33.
- ALBUM, I. 456.
- ALBUMAZAR, Arabian astronomer, I. 456.
- ALBUMEN, I. 456; in milk, XVI. 303; of plants, IV. 155.
- PROCESS, in photography, XVIII. 824.
- ALBUMENIDS, nitrogenous carbon compounds, XVII. 520.
- ALBUMINOID SUBSTANCES, of animal origin, V. 579.
- ALBUMINOUS DEGENERATION, in pathology, XVIII. 390.
- ALBUMINURIA, disease, IV. 345; XVIII. 387.
- ALBUQUERQUE, town, Spain, I. 456.
- , Alphonso d', Portuguese governor of India, I. 456; XII. 797.
- , Juan Alonzo de, minister of Pedro I. of Castile, XVIII. 450.
- ALCA, genus of birds, X. 78; XX. 302.
- ALCÆUS, Greek poet, I. 457.
- ALCAICS, in poetry, I. 457.
- ALCAIDE, Spanish officer, I. 457.
- ALCALA DE GUADAIIRA, town, Spain, I. 457.
- ALCALA DE HENARES, town, Spain, I. 458; birthplace of Cervantes, V. 347.
- ALCALA LA REAL, town, Spain, I. 458.
- ALCALDE, Spanish official, I. 458.
- ALCAMENES, Greek sculptor, I. 458; II. 356.
- ALCAMO, town, Sicily, I. 458.
- ALCANTARA, seaport, Brazil, I. 458.
- ALCANTARA, town, Spain, I. 458.
- , Knights of, I. 458; XXII. 316.
- ALCARAZ, town, Spain, I. 458.
- ALCARRAZAS, Spanish water-jars, II. 24.
- ALCAVALA, Spanish tax, I. 458; XXII. 320.
- ALCAYDE, Spanish officer, I. 457.
- ALCAZAR, palace, of Segovia, XXI. 623; of Seville, XXI. 709; of Toledo, XXIII. 436.
- DE SAN JUAN, town, Spain, I. 459.
- KEBIR, town, Morocco, I. 459.
- ALCEDO, genus of birds, XIV. 81.
- ALCELAPHUS CAAMA, species of antelopes, XI. 496.
- ALCEO, pastoral by Ongaro, XVIII. 345.
- ALCESTE, in Greek legend, I. 459.
- , opera by Gluck, X. 694.
- ALCESTER, town, England, I. 459; XXIV. 379.
- ALCESTIS, in Greek legend, I. 459.
- , play of Euripides, VIII. 674.
- ALCHEMY, I. 459; connexion of chemistry with it, V. 459.
- ALCHERIUS, Jehan, early writer on dyeing, VII. 571.
- ALCHRED, Northumbrian king, XVII. 570.
- ALCHUKU (Ajeho), town, Manchuria, I. 433.
- ALCIATI, Andrea, Italian jurist, I. 467.
- ALCIBIADES, Greek leader, I. 468; XI. 102; XVIII. 576.
- ALCIDAMAS, Greek political sophist, XXII. 265.
- ALCIMUS, Jewish high priest, XIII. 422.
- ALCINOUS, of Greek mythology, I. 468; XIX. 559.
- , Greek philosopher, I. 468.
- ALCIONIUS, Petrus, Italian classical scholar, I. 472.
- ALCIPHON, Greek letter-writer, I. 468; XX. 636.
- ALCIRA, town, Spain, I. 469; XXIV. 33.
- ALCMAN, or Alcmaeon, Alexandrian critic, I. 469; ancient MS. of his writings, XVIII. 146.
- ALCMENE, mother of Hercules, I. 469.
- ALCOCK, John, English bishop, I. 469.
- PROVINCE, North Borneo, XXI. 123.
- ALCOHOL, I. 469; its action on the brain, VII. 482; XIII. 102, 109; its dietetic uses, VII. 204; diseases caused by, VII. 50; XVIII. 407; in fermenting dough, III. 254; formation of, IV. 275; VII. 264; IX. 92; Liebig's investigations on, XIV. 566.
- , Methyl, XVI. 194.
- ALCOHOLOMETER, XII. 540.
- ALCOHOL THERMOMETER, XI. 562.
- ALCOHOLS, in chemistry, V. 553, 562.
- ALCOY, town, Spain, I. 471.
- ALCUDIA, Duke of (Godoy), Spanish statesman, I. 471; XIX. 550; XXII. 342.
- ALCUIN, early English ecclesiastic, I.

471; VIII. 406; XVI. 707; academy originated by, I. 69; as librarian, XIV. 513.
 ALCYONARIA, order of corals, VI. 384; XXIII. 609.
 ALCYONE, genus of birds, XIV. 82.
 ALCYONIDIUM, genus of Polyzoa, XIX. 440.
 ALCYONIUS, Petrus, Italian classical scholar, I. 472.
 AL-DAJJAL, the Mohammedan anti-christ, II. 126.
 ALDAN, river, Siberia, I. 472; XXII. 5; XXIV. 726.
 — MOUNTAINS, Siberia, I. 472.
 ALDBOROUGH, town, Suffolk, England, I. 472; XXII. 622.
 —, town, Yorkshire, England, I. 472.
 ALDE, river, England, XXII. 621.
 ALDEBERT (Hildebert), bishop of Tours, XI. 814.
 ALDEBURGH (Aldborough), town, England, I. 472; XXII. 622.
 ALDEGONDE, St. F. van Marnix, lord of, Dutch Reformer, XII. 92.
 ALDEGREVER, or Aldegraf, Heinrich, German painter, I. 472.
 ALDEHYDES, in chemistry, V. 567.
 ALDEN, island, Norway, XVII. 576.
 ALDER, tree, I. 472; culture of, II. 318.
 ALDERMAN, I. 472; XVII. 27.
 ALDERNEY, Channel Islands, England, I. 473.
 — CATTLE, XIII. 635.
 ALDERSHOT, town and camp, England, I. 474; XI. 431; XXII. 694.
 ALDERSON, Amelia (Mrs Opie), XVII. 787.
 ALDFRID, king of Northumberland, XVII. 570.
 ALDHLM, St. early English author, I. 474; VIII. 403; his Psalter, VIII. 382.
 ALDINE PRESS, XV. 512.
 ALDINI, Giovanni, Italian physicist, I. 474.
 ALDOBRANDINI, Ippolito (Pope Clement VIII.), V. 822.
 ALDOBRANDO, Italian writer, XIII. 501.
 ALDO MANUZIO, Venetian printer, XV. 512; his Greek classics, III. 656.
 ALDONA, Anna, wife of Casimir III. of Poland, XIX. 288.
 ALDRED, archbishop of York, I. 475.
 ALDRICH, Dr Henry, English writer, I. 475.
 ALDRISI (Edrisi), Arabian geographer, VII. 669.
 ALDROVANDA, genus of insectivorous plants, XIII. 137.
 ALDROVANDI, Ulisse, Italian naturalist, I. 475; on birds, XVIII. 4.
 ALDSTONE, town, England, I. 476.
 ALDUS MANUTIUS, XV. 512; his edition of Greek classics, III. 656.
 ALE, I. 476; IV. 275; adulteration of, I. 172; Burton, IV. 572.
 ALEANDRO, Girolamo, cardinal, I. 476.

ALE-CONNER, assize officer, I. 476.
 ALECTO, one of the Furies, VIII. 524.
 ALECTORIDES, group of birds, XVIII. 45.
 ALEMAN, Louis, cardinal, I. 476.
 —, Mateo, Spanish romancist, XXII. 357.
 ALEMANNI, German tribe, I. 476; X. 476; invasion of Roman empire by, XX. 777, 779; XXII. 729; Narses's campaigns against, XVII. 233.
 —, Luigi, Italian poet, I. 441.
 —, Nicholas, editor of Procopius, XXIII. 276.
 ALEMANNUS, translator from Arabic, II. 270.
 —, Johannes, Venetian painter, XXI. 436, 442.
 ALEMBIC, for distillation, I. 477.
 ALEMTEJO, province, Portugal, I. 477; XIX. 537.
 ALENÇON, town, France, I. 477; XVIII. 2; lace of, XIV. 186.
 —, Duke of, IX. 562.
 —, Marguerite d', princess, XV. 538.
 ALENIO, Giulio, Jesuit missionary, I. 477.
 ALEPPI, town, Travancore, India, XXIII. 525.
 ALEPPO, town, Syria, I. 477; province, XXIII. 653.
 ALES, Alexander, Scottish Reformer, I. 478; XXI. 542.
 ALESHKI, town, Russia, XXIII. 83.
 ALESIUS (Ales), or Aless, Alexander, Scottish Reformer, I. 478; XXI. 542.
 ALESSANDRI, Alessandro, Italian juriconsult, I. 479.
 ALESSANDRIA, province and town, Italy, I. 479.
 ALESSI, Galeazzo, Italian architect, I. 479.
 ALETH (St Servan), ancient town, France, XXI. 197.
 ALEUROMETER, flour measurer, IX. 347.
 ALEUTIAN ISLANDS, I. 479; birds of, III. 753.
 ALEUTS, race of people, America, XII. 826.
 ALEVIN, newly-hatched salmon, XXI. 224.
 ALEXANDER I., pope, I. 486.
 — II., pope, I. 486; XIX. 498; XX. 791.
 — III., pope, I. 486; XIX. 500; XX. 794; resists Frederick Barbarossa, XIII. 471.
 — IV., pope, I. 487; XIII. 475; XX. 797.
 — V., pope, I. 487; XIX. 502; XX. 804.
 — VI., pope, I. 487; XIII. 481; XX. 323, 806; his hostility to Savonarola, XXI. 336.
 — VII., pope, I. 490.
 — VIII., pope, I. 490; XIX. 506.

ALEXANDER, of Battenberg, prince of Bulgaria, XXIII. 652.
 —, kings of Epirus, VIII. 484.
 —, Leopold Franz Emmerich, prince of Hohenlohe, priest, and miracle-worker, XII. 51.
 —, the Great, king of Macedonia, I. 480; XI. 104; XV. 139; extent of his conquests, X. 175; his invasion of India, XII. 786; of Persia, XVIII. 581; his capture of Persepolis, XVIII. 559; his conquest of Phrygia, XVIII. 852; his siege of Tyre, XVIII. 809; Arrian's history of, II. 631; romancing histories of, XX. 640; marble head of, II. 362; coins of, XVII. 641.
 —, king of Poland, XIX. 290.
 — I., czar of Russia, I. 491; XVII. 485; XXI. 100.
 — II., of Russia, XXI. 102.
 — III., of Russia, XXI. 102.
 — I., king of Scotland, I. 491; XXI. 482.
 — II., of Scotland, I. 491; XXI. 484.
 — III., of Scotland, I. 491; XXI. 485.
 —, voivode of Walachia, XXI. 17.
 — of Aboniteichos, mystic, XVII. 130.
 — of Ætolia, Alexandrian critic, I. 499.
 — of Aphrodisias, Peripatetic philosopher, I. 486; XVIII. 546.
 — of Hales, theologian and philosopher, I. 486; XXI. 427; Roger Bacon's tirade against him, III. 219.
 — of Tralles, Byzantine physician, I. 486; XV. 804.
 —, Lucian's dialogue, XV. 45.
 —, Era of, V. 715.
 —, Archibald, American divine, I. 492.
 —, Joseph Addison, American divine, I. 493.
 —, Sir William, earl of Stirling, Scottish poet, I. 493; his relations to Maine and Nova Scotia, XV. 301; XVII. 603.
 — AB ALEXANDRO, Italian juriconsult, I. 479.
 — BALAS, king of Syria, I. 486.
 — JANNÆUS, king of the Jews, I. 486.
 — JAROSLAWITZ NEVSKI, saint, I. 492.
 — NEVSKI, of Novgorod, XXI. 90.
 ALEXANDRA, Lycophron's poem, I. 499.
 — LAND, South Australia, XXII. 283.
 — NILE, river, Central Africa, XVII. 505.
 — PALACE, London, XIV. 836.
 ALEXANDRE, Racine's drama, XX. 205.
 ALEXANDRETTA, town, Asia Minor, XXI. 366.
 ALEXANDRIA, town, Egypt, I. 493; VII. 767; founding of, I. 482; XV. 140; battle of (1801), I. 38; catacombs at, V. 215; coins of, XVII. 651; commerce of, XXIII. 655; glass-making at, X. 650; libraries, XIV. 510; burning of them, I. 778; literature, XI. 143;

- museum, I. 69; observatory, XVII. 709; schools of learning, I. 498; XV. 144; XVII. 839.
 ALEXANDRIA, Era of, v. 714.
 —, town, Scotland, I. 496.
 —, town, Virginia, U.S.A., I. 496; XXIV. 259.
 — TROAS, city, Asia Minor, XXIII. 580.
 ALEXANDRIAN CANON, v. 5.
 ALEXANDRIAN MANUSCRIPT, I. 496; XVIII. 147.
 ALEXANDRIAN SCHOOL, I. 498; anatomy in, I. 801; astronomy, II. 748; medicine, XV. 801; XXII. 674.
 ALEXANDRINE VERSE, I. 500.
 ALEXANDRITE, mineral, XVI. 386.
 ALEXANDROFF, town, Russia, XXIV. 271.
 ALEXANDROPOL, town, Transcaucasia, Russia, XI. 277; XXIII. 515.
 ALEXANDROVSK, town, Transcaspian Region, Russia, XXIII. 513.
 ALEXANDROVSKAYA, town, Russia, XXII. 472.
 ALEXANDROVSKII POSAD, town, Russia, XX. 36.
 ALEXIAD, historical work, by Anna Comnena, II. 60.
 ALEXIN, town, Russia, XXIII. 605.
 ALEXIPHARMACA, poem by Nicander, XVII. 476.
 ALEXIS, Greek poet, I. 501.
 —, czar of Russia, XXI. 96.
 —, son of Peter the Great, XVIII. 699.
 —, Wilibald, German novelist, XI. 479.
 ALEXIUS I., Comnenus, Byzantine emperor, I. 501; his relations with the crusaders, VI. 625.
 —, emperor of Trebizond, XXIII. 533.
 ALFANI, Domenico, Italian painter, I. 501.
 AL-FARABI, Arabian philosopher, I. 501; II. 267.
 ALFEEYAH, Arab grammar, II. 265.
 AL-FEZI (Riph), Jewish rabbi, XX. 566.
 ALFIERI, Vittorio, Italian poet, I. 502; VII. 417; XIII. 513.
 ALFÖLD, plain, Hungary, XII. 361.
 ALFONSO. See ALPHONSO.
 ALFORD, Henry, dean of Canterbury, I. 503.
 ALFRED, the Great, English king, I. 506; VIII. 283, 285; his translation of Cædmon's poems, IV. 630; his influence on English literature, VIII. 404.
 — CROQUIS, nom-de-crayon of D. Maclise, painter, XV. 165.
 — JEWEL, Enamelling of, VIII. 183.
 ALFWOLD, Northumbrian king, XVII. 570.
 ALGÆ, order of plants, I. 507; XXIV. 125; their relations to Fungi, III. 692; IX. 834; to lichens, XIV. 556; as parasitic plants, XVIII. 266; reproduction of, IV. 107, 162; XX. 425, 430; in herbarium, XI. 717; diatoms, VII. 170.
 ALGARDI, Alessandro, Italian sculptor, I. 509; XXI. 570.
 ALGAROTTI, Francesco, Italian author, I. 509.
 ALGARROBO, Peruvian trees, XVIII. 671.
 ALGARVE, or Algarves, province, Portugal, I. 509; XIX. 536.
 ALGAU, district, Bavaria, I. 510.
 AL-GAZALI, or Algazel, Arabian philosopher, I. 510; II. 268.
 ALGAZEL, species of antelope, II. 101.
 ALGEBRA, I. 511; its place in mathematics, XV. 630; determinants in, VIII. 497; Cardan's work on, v. 90; Leonardo of Pisa's contributions to, XIX. 125; Vieta's, XXIV. 224; Wallis's, XXIV. 332.
 ALGECIRAS, town, Spain, I. 562.
 ALGER, of Clugny, French author, I. 562.
 ALGERIA, country, Africa, I. 562; IX. 525; XVII. 628; forests, IX. 407; mines, XVI. 469; wine industry, XXIV. 607.
 ALGERINE PIRATES, I. 566.
 ALGERUS MAGISTER, French author, I. 562.
 ALGEZIRAS, town, Spain, I. 562.
 AL-GHAZALI, Arabian philosopher, I. 510; II. 268.
 ALGHERO, town, Sardinia, I. 569; XXI. 309.
 ALGIERS, town, Algeria, I. 570; captivity of Cervantes at, v. 350; conquest of, by the Turks, XXIII. 643; observatory at, XVII. 716.
 ALGIN, mucilage, XVII. 12.
 ALGOA BAY, Cape Colony, I. 570.
 ALGODONITE, mineral, XVI. 393.
 ALGOMA, district, Ontario, Canada, XVII. 776.
 ALGONQUINS, American Indians, I. 688, 690; XII. 827.
 ALGORITHM, XVII. 626.
 ALGUM, incense, XII. 718; tree, I. 596.
 ALHAGI MANNA, XV. 493.
 AL-HAKAM, emir of Cordova, XXII. 310.
 — II., caliph of Cordova, XXII. 313.
 ALHAMA, town, Granada, Spain, I. 570.
 —, town, Murcia, Spain, I. 570; mineral spring at, XVII. 51.
 ALHAMBRA, palace, Granada, Spain, I. 570; architecture of, II. 447; wall-decorations of, XVII. 36.
 ALHASAN IBN-MOHAMMED ABWAZZAN ALFASI (Leo Africanus), traveller, XIV. 453.
 ALHAZEN, Arabian mathematician, I. 572; on optics, XIV. 578.
 ALHUCEMAS, bay and islets, Morocco, XVI. 830.
 ALI, caliph, I. 572; XVI. 548, 563, 566, 592; XXII. 663; shrine of, at Meshed-Ali, XVI. 46; house of, XVI. 574, 579, 584.
 ALI, Seyed Mohammed, founder of Babism, III. 180.
 — BEY, sultan of Egypt, I. 572; VII. 758.
 — BEY (Domingo Badia y Leblich), Spanish traveller, III. 227.
 — PASHA (Arslan), ruler of Albania, I. 573; XI. 125; XXIII. 649; his attack on Parga, XVIII. 273.
 — PASHA, pasha of Egypt, VII. 761.
 — PASHA, Turkish vizier, XXIII. 646.
 ALIAS, in law, I. 574.
 ALIASKA (Alaska, *q.v.*), territory, U.S.A., I. 443.
 ALIBI, in law, I. 574.
 ALICANTE, province and town, Spain, I. 574; XXII. 298.
 ALICATA, town, Sicily, I. 574.
 ALICE, Lytton's novel, XV. 122.
 ALICUDI, Lipari Islands, Mediterranean, XIV. 683.
 ALIEN, in law, I. 574; relations of, in war, XIII. 194.
 ALIENATION, of land, VI. 434; XX. 307.
 ALIEN-HOUSES, in architecture, II. 459.
 ALIGARH, district, British India, I. 576.
 ALIGHIERI, Dante, Italian poet, VI. 809. See Dante.
 ALIGNMENTS, lines of stone monuments, XXI. 51.
 ALIMENT, in Scots law, I. 576.
 ALIMENTA, Trajan's, for poor and orphan children, XXIII. 504.
 ALIMENTARY CANAL, VII. 221; XVII. 668; in mammals, XV. 362.
 ALIMENTARY SYSTEM, of birds, III. 725; of reptiles, XX. 457.
 ALIMENTIVENESS, in phrenology, XVIII. 845.
 ALIMONY, in English law, I. 576.
 ALI MURAD, Persian khan, XVIII. 644.
 ALI-OLLAHIS, community of Kurds, XIV. 158.
 ALISCANS, French chanson, IX. 638.
 ALISMA, genus of plants, XIX. 176.
 ALISON, Archibald, Scottish divine, I. 576; on the principles of taste, I. 223.
 —, Sir Archibald, historian, I. 577.
 —, William P., Scottish physician, XV. 817.
 ALIZARIN, colouring matter, I. 577; IV. 687; XV. 176.
 ALKALI, in chemistry, I. 578; volatile, I. 741.
 ALKALIES, Metals of the, v. 524; their spectra, XXII. 375.
 ALKALINE DEVELOPER, in photography, XVIII. 826.
 ALKALINE PHOSPHATES, XVIII. 819.
 ALKALINE SPRINGS, XVI. 435.
 ALKALINITY, of sea-water, XXI. 612.
 ALKALOIDS, in chemistry, I. 578; natural, or native, v. 576; XVII. 520; vegetable waste-products, XIX. 53.
 ALKAMA, Arabic poet, XVI. 537.
 ALKANET, plant, I. 578.
 AL-KANTARA, town, Morocco, XVI. 832.

- AL-KHARIZMI, Arabian mathematician, xvii. 626.
- AL-KINDI, or Alkindius, Arabian philosopher, i. 578; ii. 267.
- ALKMAAR, town, Netherlands, i. 578.
- , Heinrik von, German satirist, i. 578.
- ALKOSH, Mesopotamia, Nahum's tomb at, xvii. 165.
- ALKYLAMINES, in chemistry, xvii. 519.
- ALLADA, towns, Dahomey, Africa, vi. 766.
- ALLAH, Arabian name of God, i. 578; xvi. 546.
- ALLAHABAD, division, district, and town, British India, i. 578; xvii. 572.
- ALLAH-DAGH, mountains, Transcaspian Region, Russia, xxiii. 511.
- ALLAH-UD-DIN KHLJI, sultan of Delhi, xii. 793.
- ALLAMAND, Jean Nicolas Sebastian, natural philosopher, i. 579.
- ALLAN, David, Scottish painter, i. 580.
- , Sir William, Scottish painter, i. 580.
- ALLANITE, mineral, xvi. 409.
- ALLANTOIS, of mammals, xv. 369.
- ALLAS, mountain, Timor, Indian Archipelago, xxiii. 397.
- ALLASCH, liqueur, xiv. 687.
- ALLEGHANY, Virginia, U.S.A., mineral water of, xvi. 436.
- , river, United States, i. 580.
- MOUNTAINS, U.S.A., i. 580, 678; xviii. 499; xxiii. 795; birds of the, iii. 751.
- ALLEGHENY, town, Pennsylvania, U.S.A., i. 580; xix. 150; observatory at, xvii. 715.
- ALLEGIANCE, in law, i. 580; in relation to domicile, vii. 351; oath of, i. 580; xvii. 701.
- ALLEGORICAL INTERPRETATION, of Scripture, xi. 743.
- ALLEGORIES, of the Physiologus, xix. 6.
- ALLEGORY, i. 581; viii. 837.
- ALLEGRA, daughter of Lord Byron, xxi. 792.
- ALLEGRI, Antonio (Correggio), painter, vi. 437; xxi. 437, 443.
- , Gregorio, Italian musician, i. 581.
- ALLEINE, Joseph, English divine, i. 581.
- , Richard, English divine, i. 582.
- ALLELUIA HYMNS, xii. 582.
- ALLEMONTITE, mineral, xvi. 380.
- ALLEN, Bog of, Ireland, i. 582.
- , Ethan, American patriot, xxiii. 787.
- , John, political writer, i. 583.
- , Ralph, inventor of cross-roads postal system, xix. 565.
- , Thomas, English mathematician, i. 583.
- , William, cardinal, i. 441.
- , William, pianoforte maker, xix. 75.
- ALLEMENTOWN, town, Pennsylvania, U.S.A., i. 583.
- ALLESTRY, or Allestree, Richard, English Royalist, i. 583.
- ALLEYN, Edward, founder of Dulwich College, London, i. 583; vii. 520.
- , Thomas, English mathematician, i. 583.
- ALL FOOL'S DAY, ii. 214.
- ALLGAU, district, Bavaria, i. 510.
- ALLGEMEINE ZEITUNG, German newspaper, vi. 480; xvii. 428.
- ALL-HALLOWS, or Allhallowtide, festival, i. 578; xiii. 245.
- ALLIA, Battle of (390 B.C.), xx. 740.
- ALLIANCE, i. 585.
- , The Holy (1815), ix. 619.
- DES TROIS COTILLONS (1756), ix. 588.
- ALLIER, department, France, i. 585.
- , river, France, i. 585; xx. 119.
- ALLIGATOR, reptile, i. 585; vi. 594; xx. 446.
- , river, South Australia, xxii. 284.
- LEATHER, xiv. 389.
- PEPPER, xviii. 517.
- TERRAPIN, tortoise, xxiii. 458.
- ALLINGTON CASTLE, Kent, England, xiv. 40.
- ALLIS SHAD, fish, xxi. 726.
- ALLITERATION, i. 585.
- ALLITERATIVE CONCORD, in philology, xiii. 820; xviii. 780; xxiv. 827.
- ALLIUM, genus of plants, x. 81; xiv. 409.
- ALLIX, Pierre, French divine, i. 586.
- ALLMAN, G. J., on Polyzoa, xix. 431; on Protozoa, xix. 860.
- ALLOA, town, Scotland, i. 586.
- ALLODIUM, in land tenure, i. 587.
- ALLOIOCELA, tribe of worms, xix. 172, 174.
- ALLOMORPHITE, mineral, xvi. 400.
- ALLOPALLADIUM, mineral, xvi. 383.
- ALLOPHANE, mineral, xvi. 424.
- ALLOLOBOPHORA, genus of worms, xxiv. 678.
- ALLORI, Alessandro, Italian painter, i. 587.
- , Cristofano, Italian painter, i. 587.
- ALLOTROPY, in chemistry, i. 587.
- ALLOWAY KIRK, Ayrshire, Scotland, iii. 164.
- ALLOXAN, in chemistry, i. 587.
- ALLOY, i. 587; in coinage, xvi. 483, 725.
- ALLOYS, in assaying, ii. 724; fusing point of, xx. 132; of gold, x. 750; of mercury, xvi. 33; of platinum, xix. 191; of silver, xxii. 71.
- ALL-SAINTS DAY, i. 578.
- ALLSOPP'S BREWERIES, Burton, England, iv. 572.
- ALL SOULS COLLEGE, Oxford, xviii. 96.
- ALL SOULS DAY, xvii. 606.
- ALLSPICE, or Pimento, xix. 97; xviii. 517.
- ALLSTEDT, district, Germany, xxi. 349.
- ALLSTON, Washington, American painter and poet, i. 588, 722.
- ALL THE TALENTS, English ministry of, viii. 363.
- ALLUCINGOLI, Ubaldo (Pope Lucius III.), xv. 48.
- ALLUVIAL DEPOSITS, x. 365; xii. 62, 504, 736.
- ALLUVION, Law in regard to, xx. 565.
- ALLUVIUM, land made up of sediment, i. 589.
- ALLYGHUR, or Aligarh, India, i. 576.
- ALLYN, William, cardinal, i. 441.
- ALMA, river, Russia, i. 589; battle of the (1854), i. 589.
- DAGH, mountains, Syria, xxii. 821.
- ALMADEN, town, Spain, i. 589.
- ALMAGEST, Ptolemy's astronomical work, i. 589; xx. 87; ii. 750; x. 177.
- ALMAGRO, town, Spain, i. 589.
- , Diego d', Spanish commander, i. 589; xviii. 677.
- ALMAI, singing girls of Egypt, i. 592.
- ALMALI, town, Asiatic Turkey, i. 589.
- AL-MAMUN, caliph, i. 589; xvi. 582.
- ALMANAC, i. 590.
- , Nautical, xvii. 260.
- ALMANACH DE GOTHA, i. 592.
- ALMANACK, Poor Richard's, i. 721; ix. 712.
- ALMANSA, or Almanza, town, Spain, i. 592; battle of (1707), ix. 582.
- ALMANSOR, Moorish ruler in Spain, xv. 500; xxii. 314.
- AL-MANSUR, or Almanzor, Mohammedan princes, xv. 500.
- ALMATY, town, Central Asia, xxiv. 303.
- ALME, singing girls of Egypt, i. 592.
- ALMEIDA, town, Portugal, i. 592.
- , Francisco de, viceroy of Portuguese India, i. 592.
- ALMELO, town, Holland, xviii. 78.
- ALMERIA, province and town, Spain, i. 593; xxii. 298.
- ALMERV, in architecture, ii. 459.
- ALMOHADES, Mohammedan dynasty, i. 593; in Spain, xxii. 316; in Tunis, xxiii. 621.
- AL-MOKANNA, Moslem impostor, xvi. 580.
- ALMON, John, political writer and publisher, i. 594.
- ALMOND, tree and fruit, i. 594; xii. 269; xviii. 442.
- , river, Scotland, xiv. 669.
- ALMONDBURY, town, England, i. 595.
- ALMONDELL HOUSE, Linlithgow, Scotland, xiv. 670.
- ALMOND NUT, xvii. 664.
- ALMOND OIL, xvii. 744; chemistry of, xxiv. 626.
- ALMONER, ecclesiastical officer, i. 595.

- ALMONRY, in architecture, II. 459.
 ALMORA, town, India, I. 595.
 ALMORAVIDES, Mohammedan dynasty, I. 595, 565; XV. 525; XXII. 316.
 ALMQVIST, Karl Jonas Ludwig, Swedish writer, I. 596; XXII. 757.
 ALMS, in early church, XVIII. 422.
 ALMSGIVING, in relation to poor laws, XIX. 463.
 ALMSHOUSES, English, XIX. 465.
 ALMUCE, church vestment, VI. 463.
 ALMUG TREE, of Scripture, I. 596.
 ALMUNECAR, town, Spain, I. 596.
 AL-NAHR (Oxus), river, Central Asia, XVIII. 101.
 AL-NASIRA (Nazareth), town, Palestine, XVII. 302.
 ALNE, river, England, XVII. 565.
 ALNWICK, town, England, I. 596; XVII. 567, 568.
 ALOD, or Alodium, in land tenure, I. 587; IX. 120.
 ALOE, plant, I. 597; XII. 262; incense, XII. 718.
 ALOIDÆ, or Aloïadæ, in Greek legend, I. 597.
 ALOIN, bitter principle in plants, XIX. 53.
 ALOMBRADOS, Spanish mystics, XII. 706.
 ALOMPRA, Burmese king, I. 597; IV. 556.
 ALONZO, kings of Spain and Portugal, I. 615. See Alphonso.
 ALOPECIA, skin disease, XXII. 121.
 ALOPECIAS, genus of sharks, XXI. 777.
 ALOST, town, Belgium, I. 597.
 ALOURIE, town, West Africa, XII. 710.
 ALP, mountain pasture, I. 620, 632.
 ALPACA, wool-bearing animal, I. 597; IV. 12; XIV. 740; relation of domesticated to wild forms, IV. 251.
 ALP ARSLAN, Seljuk sultan, I. 598; XVI. 44, 588; XX. 730; XXI. 634.
 ALPE DI SUCCISA, Apennines, Italy, XIII. 437.
 ALPEN-HORN, trumpet, XXIII. 593.
 ALPES, three departments (Basses, Hautes, Maritimes), France, I. 599.
 ALPHA AND OMEGA, I. 599.
 ALPHABET, I. 600; letters of, as numerals, XVII. 625; characters in ancient inscriptions, XIII. 114; Celtiberian, XII. 605; deaf and dumb, VII. 8; Egyptian, XI. 807; early Greek, XII. 112; Hebrew, XI. 597; hieroglyphic, XI. 796; A. J. Ellis's palaeotype, XXII. 381, 385; Phœnician, XI. 807; XVIII. 802, 806; phonetic, XVIII. 812; XXII. 39; phonographic, XXI. 836; Roman, XIII. 125; Sabæan, XXIV. 740; Sanskrit, XXI. 270.
 ALPHÆUS, father of the apostle James, XIII. 552.
 ALPHARABIUS (Al-Farabi), Arabian philosopher, II. 267.
 AL-PHASI (Riph), Jewish rabbi and Talmudist, XX. 566.
 ALPHEN, Hieronymus van, Dutch writer, XII. 97.
 ALPHEUS, river, Greece, I. 615; XVII. 765.
 ALPHONSINE TABLES, in astronomy, I. 617.
 ALPHONSO, or Alfonso, I., king of Aragon, I. 617; XXII. 316.
 — II., of Aragon, I. 618; XXII. 316.
 — III., of Aragon, I. 618; XXII. 322.
 — IV., of Aragon, I. 618; XXII. 323.
 — V., of Aragon (I. of Sicily), I. 618; XIII. 478; XXII. 324.
 — I.-III., kings of the Asturias, I. 615; XXII. 311.
 — IV., king of Leon, I. 615.
 — V., of Leon, I. 615; XXII. 312.
 — VI., king of Castile, I. 615; XXII. 316; XIX. 539.
 — VII., of Castile, I. 616; XIX. 540; XXII. 316.
 — VIII., of Castile, I. 617; XXII. 317.
 — IX., king of Leon, I. 616; XXII. 317.
 — X., the Wise, king of Castile, I. 616; XXII. 318.
 — XI., of Castile, I. 617; XXII. 319.
 — XII., king of Spain, XXII. 346.
 — I.-IV., princes of Este, VIII. 559.
 — I.-VI., kings of Portugal, I. 618.
 See also Affonso.
 — DE CARTAGENA, Spanish historian, I. 619.
 ALPHONSUS A SANCTA MARIA, Spanish historian, I. 619.
 ALPINI, Prospero, Italian physician and botanist, I. 619.
 ALPINIA, genus of plants, X. 17.
 ALPNACHERSEE, Lake of Lucerne, Switzerland, XV. 41.
 ALPS, the, I. 619; geological structure of, X. 371, 373; Hannibal's passage of, XI. 441; XX. 749; heights of, compared with the Himalayas, XI. 826; Saussure's observations on, XXI. 324; Southern, XIII. 434; Styrian, XXII. 614; Swiss, XXII. 776, 779.
 ALPUJARRAS, or Alpuxaras, district, Spain, I. 636.
 ALRED, archbishop of York, I. 475.
 ALREDUS, early English historian, I. 636.
 ALRESFORD, New, town, England, I. 636.
 AL-RUSS, town, Arabia, XVII. 774.
 ALSACE, province, Germany, I. 636; ceded to Spain, XXII. 330; annexed to France (1675), IX. 577; X. 502; restored to Germany (1871), IX. 627; X. 513.
 ALSEN, island, Schleswig-Holstein, I. 637; XXI. 414.
 ALSOP, Vincent, Puritan divine, I. 637.
 ALSOPHILA, genus of tree-ferns, XXIII. 534.
 ALSTED, Johann Heinrich, German author, I. 637; his Encyclopædia, VIII. 193.
 ALSTON, Charles, Scottish botanist, I. 638; on the sexes of plants, IV. 82.
 —, Mount, Vancouver Island, XXIV. 57.
 ALSTONIA GUM, XI. 339.
 ALSTONITE, mineral, XVI. 398.
 ALSTON MOOR, town, England, I. 476.
 ALSTROEMER, Jonas, Swedish industrial reformer, I. 638.
 ALT, river, Transylvania, I. 638.
 ALTAI MOUNTAINS, Siberia, I. 638; II. 686; XXII. 2; XXIII. 438.
 ALTAITE, mineral, XVI. 391.
 ALTAMAHA, river, Georgia, U.S.A., X. 434.
 ALTAMURA, town, Italy, I. 638.
 ALTAN KHAN, Mongol chief, XVI. 744.
 ALTAR, I. 638.
 ALTAR-WORSHIP, XXIII. 165.
 ALTAZIMUTH THEODOLITE, X. 165.
 ALTDORF, town, Switzerland, I. 642; XXIV. 11.
 —, Bavaria, University of, XXIII. 845, 848.
 ALTDORFER, Albrecht, German painter, I. 642.
 ALTEN, river, Norway, XVII. 576.
 ALTENBURG, town, Germany, I. 642; XXI. 347.
 ALTEN OETTING, town, Bavaria, I. 642.
 ALTENSTEIN, castle, Saxe-Meiningen, Germany, I. 642.
 ALTERNATION OF GENERATIONS, III. 687; IV. 159; XIII. 146; XX. 429.
 ALTHÆA ROSEA, species of plants, XII. 102.
 AL-THING, parliament of Iceland, XII. 618, 621.
 ALTHORP, Lord (Earl Spencer), English statesman, XXII. 391.
 ALTIERI, Emilio (Pope Clement X.), V. 822.
 ALTIN, lake, Siberia, I. 642.
 ALTING, Heinrich, German theologian, I. 642.
 —, Jacob, German theologian, I. 642.
 ALTIONOS (Tours), ancient town, France, XXIII. 491.
 ALTIS, in ancient Olympia, XVII. 766, 768.
 ALTITUDES, Geodesic determination of, X. 171; meridian, XVII. 269; determination of, in surveying, XXII. 707, 711.
 ALTMARK, district, Prussian Saxony, XXI. 359.
 ALTO DOURO, Portugal, wine industry of, XVII. 795; XXIV. 607.
 ALTOETTING, town, Bavaria, I. 642.
 ALTOFTS, parish, Yorkshire, England, XVII. 552.
 ALTON, town, England, I. 642.
 —, town, Illinois, U.S.A., I. 643.
 — LOCKE, Kingsley's novel, XIV. 88.
 ALTONA, town, Schleswig-Holstein, I. 643; XI. 404; XX. 16; XXI. 415; observatory at, XVII. 712.

- ALTOONA, town, Pennsylvania, I. 643.
 ALTO ORINOCO, territory, Venezuela, XXIV. 140.
 ALTORF, town, Switzerland, I. 642; XXII. 778.
 ALTO-RILIEVO, in sculpture, I. 643; the largest in the world, I. 509.
 ALTRINGHAM, town, England, I. 643.
 ALTRUISM, in Comtist system, VI. 237.
 ALTVATER, mountain, Moravia, XVI. 810; XXII. 53.
 ALUCO, genus of birds, XVIII. 91.
 ALUM, chemical salt, I. 643; mineral, XVI. 402.
 ALUMAT, king of Persia, XVIII. 633.
 ALUMBAGH, enclosure, Lucknow, I. 647.
 ALUMINITE, mineral, I. 645; XVI. 401.
 ALUMINIUM, chemical element, I. 647; v. 532; first isolated by Wöhler, XXIV. 627; ores of, XVI. 58; spectrum of, XXII. 377; sulphate of, XXII. 637.
 — BRONZE, IV. 367.
 ALUNITE, mineral, XVI. 402.
 ALUNOGENE, mineral, I. 645; XVI. 401.
 ALURED, early English historian, I. 636, 425.
 ALUTA, river, Transylvania, I. 638; XXIII. 521.
 ALVA, village, Scotland, I. 647; XXII. 554.
 —, Duke of, Spanish general, I. 647; XVIII. 744; in Holland, XII. 75.
 ALVARADO, Pedro de, Spanish discoverer, I. 648.
 ALVAREZ, Francisco, Portuguese traveller, I. 648.
 —, José, Spanish sculptor, I. 649.
 —, Manuel, Spanish sculptor, I. 649.
 ALVARO DE LUNA, Spanish minister, XXII. 321.
 ALVEOLAR SARCOMA, disease, XVIII. 369.
 ALWAR, state, India, I. 649; XX. 260.
 ALWIN, Henry Fitz, first mayor of London, XIV. 844.
 ALVATTES, Lydian king, XV. 100; XXII. 186; his tomb, near Sardis, II. 401; XV. 98.
 ALYPIUS, Greek writer on music, I. 649.
 — of Antioch, geographer, I. 649.
 ALYTH, town, Scotland, I. 649; XVIII. 667.
 AMADAVAT, bird, XXIV. 463.
 AMADEUS I.-IV., counts of Savoy, XXI. 339.
 — V., of Savoy, I. 650; XXI. 341.
 — VI., VII., of Savoy, XXI. 341.
 — VIII., duke of Savoy (Felix V., antipope), I. 650; XIX. 503; XXI. 341.
 — IX., duke of Savoy, XXI. 341.
 — of Aosta, king of Spain, XXII. 346.
 A-MADI, African nation, XVII. 473.
 AMADIS OF GAUL, Spanish romance, I. 650; IX. 653; XX. 653; XXII. 355.
 AMADIS OF GREECE, romance, XX. 655.
 AMADOU, fungus, I. 650.
 AMAGAT, E. H. M., his experiments on pressure of gases, XV. 495; XIX. 242.
 AMAGER, or Amak, island, Denmark, I. 651; VI. 343.
 AMALABERGA, Frankish queen, X. 476.
 AMALARIC, Gothic chief, X. 851.
 AMALASINTHA, daughter of Theodoric, I. 651; X. 851; XXIII. 257.
 AMALEKITES, of Scripture, I. 651; XVIII. 175.
 AMALFI, town, Italy, I. 652.
 AMALGAM, mercurial alloy, I. 652; XVI. 33; mineral, XVI. 382.
 AMALGAMATION, of metals, XVI. 58; of gold, X. 747; of silver, XXII. 69.
 AMALGAM-WORK, Japanese, XIII. 591.
 AMALIA, Anna, duchess of Saxe-Weimar, I. 652; X. 728.
 AMALRIC, or Amaury, king of Jerusalem, VII. 752; XXIII. 161.
 —, or Amalrich, of Bena, mystic, I. 652; XVII. 132; XXI. 426.
 AMALRICANS, sect of the Free Spirit, XVII. 132.
 AMALRICH of Bena, mystic, I. 652; XVII. 132; XXI. 426.
 AMALTEO, Italian family, I. 652.
 —, Pomponio, Venetian painter, I. 652.
 AMANA (Abana), river of Scripture, Syria, XIV. 394.
 — COMMUNITY, communistic society, U.S.A., VI. 216.
 AMANCAES, Peruvian lily, XVIII. 670.
 AMAPALA, port, Honduras, XII. 130.
 AMAR, Asiatic people, in Egyptian literature, I. 747.
 AMARANTH, I. 653.
 AMARAPURA, or Ummerapoora, town, Burmah, I. 653; III. 144.
 AMARA SINHA, Sanskrit writer, I. 652.
 AMAR DAS, Sikh ruler, India, XX. 110.
 AMARGOSA, river, Nevada, U.S.A., XVII. 367.
 AMARYLLIS, plant, XII. 265.
 AMARYNTHOS, Amphictyony of, I. 773.
 AMASIA, or Amasiyah, town, Turkey in Asia, I. 653; XIX. 459.
 AMASIS, king of Egypt, I. 653; IV. 733; VII. 743; XIX. 417.
 AMASTRIS, Persian princess, XV. 119.
 —, ancient town, Paphlagonia, XVIII. 227.
 AMAT, Felix, Spanish historian, I. 653.
 AMATI, family of violin makers, I. 654; XVII. 98; XXIV. 245.
 AMATITLAN, lake and town, Guatemala, I. 654; XI. 239.
 AMATIVENESS, in phrenology, XVIII. 844.
 AMAURI, or Amalric, of Bena, mystic, I. 652; XVII. 132; XXI. 426.
 AMAUROSIS, disease of the eye, I. 654; XVII. 784.
 AMAURY, or Amalric, king of Jerusalem, VII. 752; XXIII. 161.
 AMAXICHI, or Amaxikhi, town, Ionian Islands, I. 654; XXI. 297.
 AMA-XOSAS, race, South Africa, XIII. 819.
 AMAZON, or Amazons, river, South America, I. 654, 674; IV. 221; birds of, III. 746.
 AMAZONAS, territory, Venezuela, XXIV. 140.
 AMAZONS, female warriors, I. 655; XXI. 310; of Dahomey, VI. 767.
 AMAZON-STONE, mineral, XI. 48; XVI. 419.
 AMA-ZULU RACE, South Africa, XIII. 818; XVII. 319; XXIV. 828.
 AMBALA, division, district, and town, British India, I. 655; XX. 109.
 AMBARAWA, town, Java, XIII. 606.
 AMBARVALIA, Roman festival, I. 656; XV. 570.
 AMBASSADOR, I. 657; his position and rights, XIII. 193.
 AMBATO, town, Ecuador, I. 659.
 AMBER, I. 659; XVI. 428; XX. 143; electric properties of, VIII. 3; Phœnician, XVIII. 806.
 —, Liquid, liquidambar, XIV. 687.
 AMBERBAKI, Papuan tribe, XVII. 388.
 AMBERG, town, Bavaria, I. 660.
 AMBERGRIS, concretion in sperm whale, I. 660; XV. 396; XXIV. 525; as perfume, XVIII. 526.
 AMBERNO, river, New Guinea, XVII. 386.
 AMBERT, town, France, I. 661; XX. 120.
 AMBLESIDE, town, England, I. 661; XXIV. 516.
 AMBLETEUSE, town, France, I. 661.
 AMBLYCEPHALIDÆ, family of snakes, XXII. 193.
 AMBLYGONITE, mineral, XVI. 408.
 AMBLYOPIA, eye disease, XVII. 784.
 AMBLYOPSIS SPELÆUS, blind fish, XV. 450.
 AMBLYPODA, suborder of ungulate mammals, XV. 426.
 AMBLYRHYNCHUS, genus of reptiles, XX. 453.
 AMBLYSTEGITE, mineral, XVI. 415.
 AMBLYSTOMA, metamorphosed sireon (amphibian), I. 760; XXII. 96.
 AMBO, reading desk, I. 661.
 AMBOHIMANGA, town, Madagascar, XV. 175.
 AMBOISE, town, France, I. 661.
 —, Cardinal, tomb of, at Rouen, XXI. 13.
 AMBON, reading desk, I. 661.
 AMBOYNA, island and town, Moluccas, I. 661.
 AMBRA, poem by Lorenzo dei Medici, XV. 786.
 AMBRACIA, ancient town, Epirus, I. 661.
 AMBREIN, constituent of ambergris, I. 660.
 AMBRIZIANS, tribe, Congo, VI. 267.
 AMBRO, Cape, Madagascar, XV. 168.
 AMBROGINI, Angelo (Politian), Italian scholar and poet, XIX. 345; XX. 384.
 XXV. — 3

- AMBROGIO LORENZETTI, Italian painter, XXI. 434.
- AMBROSE of Alexandria, I. 662.
- , St, bishop of Milan, I. 662; his ethical teaching, VIII. 592; as hymn writer, XII. 581; promoter of music, XVII. 80; his relations with Augustine, III. 76; with Theodosius I., XXIII. 259.
- , Isaac, Puritan divine, I. 664.
- AMBROSIA, in Greek mythology, XVII. 313.
- AMBROSIAN BREVIARY, IV. 263.
- AMBROSIAN CHANT, XIX. 169.
- AMBROSIAN LIBRARY, at Milan, XIV. 531.
- AMBROSIAN MUSIC, XVII. 80.
- AMBROSIO, or the Monk, M. G. Lewis's romance, XIV. 493.
- AMBROSIUS, Aurelianus, leader of the Britons, I. 665.
- AMBRYM, island, New Hebrides, XVII. 395.
- AMBULACRAL SYSTEM, of Echinodermata, VII. 629.
- AMBULANCE, I. 665.
- AMBURBIUM, Roman festival, XV. 66.
- AMCHENSK (Mtsensk), town, Russia, XVII. 12.
- A.M.D.G., Jesuits' motto, XIII. 649.
- AMEER, Oriental title, I. 154.
- AL-HAJJ, leader of Meccan pilgrimage, XVI. 592.
- AMELIA, novel by Fielding, IX. 146.
- AMÉLIE-LES-BAINS, spa, France, XX. 128; mineral water of, XVI. 435.
- AMELIUS, Neoplatonist philosopher, XVII. 336.
- AMELOT DE LA HOUSSAYE, Abraham N., French writer, I. 668.
- AMELOTTE, Denis, French writer, I. 668.
- AMEN, Egyptian god, I. 740; VII. 717.
- AMENEMHAT I.-III., kings of Egypt, VII. 734.
- AMENOPHIS I.-IV., kings of Egypt, VII. 737, 738.
- AMENOPHIUM, temple, Egypt, VII. 779.
- A MENSA ET THORO, in divorce suits, VII. 301.
- AMENTI, Egyptian divinities, VII. 718.
- AMENTIFERÆ, division of plants, I. 668.
- AMERICA, I. 669; origin of the name, X. 182; XXIV. 192; early knowledge of, X. 178; discovered by Columbus, VI. 173; X. 180; influence of its discovery on commerce, VI. 201; effect of its discovery on Spain, XXII. 327; alleged discovery of, by Bjarni, XI. 171; Icelandic works on its discovery, XII. 624; ancient architecture, II. 450; birds, III. 744, 748, 750; breeding of cattle in, I. 387; coins, XVII. 658; cotton supply, VI. 484; flora, VII. 289, 290; forests, IX. 405; gold, X. 743; Indians, XII. 822, 830; original inhabitants, XVI. 206; languages, XVIII. 780; dictionaries of languages, VII. 193; Methodist churches in, XVI. 191; Christian missions to, XVI. 513, 516; rainfall, XVI. 153; aboriginal religions, XX. 364.
- AMERICA, Central, birds of, III. 748; ancient culture in, XVI. 213.
- , North, birds of, III. 750; XVIII. 16; coalfields, VI. 60; fishes, XII. 676, 679.
- , South, birds of, III. 744; coalfields, VI. 60; fishes, XII. 673.
- , United States of, XXIII. 729.
- AMERICAN ALOE, I. 597.
- AMERICAN CYCLOPÆDIA, VIII. 204; XX. 568.
- AMERICAN INDEPENDENCE, struggle for, VIII. 357; XXIII. 741; Burke's attitude to, IV. 544; declaration of, XXIII. 743.
- AMERICAN INDIANS, I. 685; XII. 822, 830.
- AMERICAN LEATHER CLOTH, XIV. 391.
- AMERICAN LITERATURE, I. 718.
- AMERICAN NOTES, Dickens's work, VII. 176.
- AMERICAN ORGAN, XI. 483.
- AMERICAN OSTRICH, XX. 505.
- AMERICAN PHILOSOPHICAL SOCIETY, XVIII. 740.
- AMERIGO VESPUCCI, XXIV. 192; his discoveries, X. 181.
- AMERSFOORT, town, Holland, I. 735; XXIV. 21.
- AMERSHAM, town, England, I. 735.
- AMES, Fisher, American statesman and author, I. 735, 721.
- , Joseph, English writer, I. 735.
- , William, Puritan divine and moralist, I. 735; XXIII. 850.
- AMESBURY, town, England, I. 736.
- AMESIUS (William Ames), divine and moralist, I. 735; XXIII. 850.
- AMETHYST, precious stone, I. 736; XVI. 389; oriental, XVI. 385.
- AMETO, Boccaccio's work, III. 843.
- AMHARA, province, Abyssinia, I. 64.
- AMHARIC LANGUAGE, XXI. 655; dictionaries of, VII. 192.
- AMHERST, district and town, British Burmah, I. 737.
- , town, Massachusetts, U.S.A., I. 737; observatory at, XVII. 715.
- , Earl, I. 737; his embassy to China, V. 651; governor-general of India, XII. 806.
- COLLEGE, Massachusetts, U.S.A., XI. 349; XXIII. 857.
- AMHURST, Nicholas, English writer, I. 738.
- AMIANTHUS, mineral, I. 738; II. 675; XVI. 416, 417.
- AMIATA, Monte, mountain, Italy, XIII. 438.
- AMICABLE SOCIETY, insurance company, XIII. 180.
- AMIC ACIDS, V. 578.
- AMICE, ecclesiastical vestment, VI. 462.
- AMICI, Giovanni Battista, Italian optician, I. 738; his microscopic objectives, XVI. 263.
- AMIDES, in chemistry, V. 577; vegetable, XIX. 54.
- AMIDO-ACIDS, in chemistry, XVII. 519.
- AMIENS, town, France, I. 738; XXII. 261; organ at, XVII. 837; sculptures in the cathedral, XXI. 562; peace of (1802) I. 146; IX. 614; XVII. 205.
- AMIN, caliph, XVI. 583.
- AMINES, in chemistry, V. 574.
- AMINI, island, Laccadives, Indian Ocean, XIV. 183.
- AMINTA, Tasso's drama, XVIII. 345; XXIII. 76.
- AMIOIDEI, suborder of fishes, XII. 688.
- AMLOT, Joseph, Jesuit missionary, I. 738.
- AMIR, Oriental title, I. 154.
- MUIZZI, Persian writer, XVIII. 658.
- AMIS ET AMILE, French chanson, IX. 638.
- AMISUS, ancient town, Asia Minor, XVIII. 228; XIX. 459.
- AMITERNUM, Sabine town, Italy, XXI. 129.
- AMIURUS, genus of fishes, XXII. 68.
- AMLWCH, town, Wales, I. 738.
- AM-MACHU, river, Sikkim, India, XXII. 51.
- AMMAN, Johann Conrad, Swiss physician, I. 739; teacher of deaf mutes, VII. 6.
- , Jost, Swiss wood-engraver, I. 739; VIII. 437.
- , Paul, German physician and botanist, I. 739.
- AMMANATI, Bartolomeo, Florentine architect, I. 739.
- AMMANITES, Swiss sect, XVI. 12.
- AMMARIUNO (Murano), island, Venice, XVII. 48.
- AMMIANUS, Marcellinus, Roman historian, I. 739.
- AMMIRATO, Scipio, Italian historian, I. 740.
- AMMODYTINA, genus of fishes, XXI. 257.
- AMMOMANES, genus of birds, XIV. 315.
- AMMON, of Scripture, I. 742; XVI. 533.
- , Egyptian divinity, I. 740; VII. 717.
- , in Libyan oasis, oracle at, I. 482.
- , Christoph Friedrich von, German theologian, I. 741.
- AMMONIA, in chemistry, I. 741; V. 509; XVII. 516; product of shale, XVIII. 241; salts of, V. 510; XI. 234; XVIII. 819; salts as manure, XV. 512.
- AMMONIAC, Sal, chemical salt, I. 741.
- AMMONIACUM, resinous exudation, I. 742.
- AMMONIA PROCESS, in soda manufacture, XXII. 244.
- AMMONITE MARBLE, XV. 529.

- AMMONITES, of Scripture, I. 742; XIII. 397; XVIII. 175.
 —, fossil Mollusca, XVI. 669, 671, 674.
- AMMONIUM, Cyanide of, XX. 23.
 — SALTS, XVIII. 92.
- AMMONIUS HERMIÆ, philosopher of Alexandria, I. 743.
- AMMONIUS LITHOTOMUS, surgeon of Alexandria, XXII. 674.
- AMMONIUS SACCAS, founder of Alexandrian school of Neoplatonists, I. 743; XVII. 335.
- AMMOPERDIX, genus of birds, XVIII. 333.
- AMMOTHEA, genus of Arachnida, II. 277.
- AMMUNITION, I. 744; IX. 453; sporting, XXI. 835.
 — WAGGONS, II. 661.
- AMNESTY, I. 746.
- AMŒBA, genus of Protozoa, XIX. 828, 842; XII. 4.
- AMŒBOID MOVEMENT, of plants, XIX. 61.
- AMOL, town, Persia, I. 746.
- AMOLE, plant, XVII. 401.
- AMONTILLADO WINE, XVI. 791; XXIV. 607.
- AMONTONS, Guillaume, French physicist, I. 746.
- AMOOR, Amour, or Amur, river, Eastern Asia, I. 746; XV. 548; XVIII. 117; XXI. 68; XXII. 5.
 —, government, Russia, XXII. 2.
- AMORAIM, expounders of the Talmud, XXIII. 36.
- AMORAL, Ferreira do, governor of Macao, XV. 125.
- AMORITES, of Scripture, I. 747; IV. 763; XIII. 397; XVI. 533.
- AMORPHISM, in chemistry and mineralogy, I. 747.
- AMORPHOUS ROCKS, X. 308.
- AMORTIZATION, of loans, XVII. 244.
- AMOS, Old Testament prophet, I. 747; XIII. 410; XIX. 817.
- AMOUR (Amoor, *q.v.*), river, Asia, I. 746.
- AMOY, town, China, I. 748; V. 636.
- AMPANAN, harbour, Lombok, Indian Archipelago, XIV. 817.
- AMPELIS, genus of birds, XXIV. 460.
- AMPERE, electrical unit of measurement, XXIII. 116.
- AMPÈRE, André Marie, French scientist, I. 748; his contributions to electrical science, VIII. 10, 67, 70, 74; his magnetic molecule hypothesis, XV. 276.
 —, Jean Jacques Antoine, French writer, I. 749; on the ballads of France, III. 284.
- AMPHIARAUS, in Greek mythology, I. 749; VIII. 524; oracle of, XVII. 808; XVIII. 50.
- AMPHIARTHRODIAL JOINTS, I. 833.
- AMPHIBIA, class of vertebrate animals, I. 750; XX. 432; distribution of, VII. 270, 282; hibernation, XI. 789; their relation to Mammalia, XV. 370; in Lankester's classification, XXIV. 812; olfactory organs of, XXII. 166; skeleton of, XXII. 106; works on development of, VIII. 168.
- AMPHIBOLE, mineral, XVI. 417.
- AMPHIBOLOGY, Liguorian doctrine of, XIV. 638.
- AMPHICONDYLA, branch of the Vertebrata, XXIV. 812.
- AMPHICTYONY, Greek religious confederation, I. 772; XI. 92; XVII. 766.
- AMPHIDOZOTHERIUM, genus of fossil Insectivora, XV. 405.
- AMPHILINIDÆ, family of tape-worms, XXIII. 54.
- AMPHILOCHIA, work of Photius, XVIII. 821.
- AMPHIMORPHÆ, group of birds, III. 712.
- AMPHION, in Greek mythology, I. 774; tomb of, at Thebes, XXIII. 230.
 —, spa, France, XXI. 332.
- AMPHIOXUS, genus of fishes, I. 774; II. 53; XIV. 258; XXIII. 609; XXIV. 180, 183, 184.
- AMPHIPERATHERIUM, fossil opossum, XVII. 797.
- AMPHIPODA, order of Crustacea, VI. 661.
- AMPHIPOLIS, town, Macedonia, I. 774; XV. 137; XVII. 326.
- AMPHISBÆNA, genus of lizards, I. 774; XX. 457.
- AMPHITHEATRE, I. 774; Roman, X. 65; XX. 830; architecture of, II. 419; near Dorchester, England, VII. 372; at Nîmes, France, XVII. 510; at Pola, Dalmatia, XIX. 284; at Saintes, France, XXI. 167; at Verona, XXIV. 172.
- AMPHITHERIUM, fossil mammal, XV. 375.
- AMPHITRITE, in Greek legend, I. 776; XVII. 346; XIX. 558.
- AMPHITRUO, Plautus's comedy, XXI. 216.
- AMPHITRYON, Molière's play, XVI. 629.
- AMPHODELITE, mineral, XVI. 420.
- AMPHORA, ancient vessel, I. 776; XIX. 182, 614; Roman measure, XXIV. 486.
- AMPLEPIUS, town, France, XX. 529.
- AMPLITUDE, in astronomy, I. 776.
- AMPRACIA (Ambracia), ancient town, Epirus, I. 661.
- AMPSAGA, river, Numidia, XV. 636; XVII. 627.
- AMPSANCTI VALLIS, Italy, I. 778.
- AMPHILL, town, England, I. 776.
- AMPULLA, ancient vessel, I. 776.
- AMPULLARIDÆ, family of snails, XXII. 187.
- AMPUTATION, in surgery, XXII. 678, 688.
- AMR, Mosque of, Cairo, XVI. 864.
 — B. AL-AS, Moslem conqueror of Egypt, I. 778; VII. 749; XVI. 558, 565, 567; his capture of Alexandria, I. 494.
- AMR B. KOLTHUM, Arabic poet, XVI. 537.
 — B. SAID, pseudo-caliph, XVI. 570.
- AMRAALKAIS, or Amru-el-Kais, Arabic poet, I. 778; XVI. 537.
- AMRAOTI, district and town, India, I. 777.
- AMRIT MAHAL, breed of cattle, India, XII. 752.
- AMRITSAR, district and town, India, I. 777; XX. 109, 110.
- AMRU, fabulous bird, XX. 611.
 — BEN-EL-ASS, Moslem conqueror of Egypt, I. 778; VII. 749; XVI. 558, 565; his capture of Alexandria, I. 494.
 — EL-KAIS, or Amraalkais, Arabian poet, I. 778; XVI. 537.
- AMSANCTI VALLIS, Italy, I. 778.
- AMSDORF, Nicolaus, Reformer, I. 778; XV. 85.
- AMSLER, Samuel, engraver, I. 779.
- AMSTEL, river, Netherlands, I. 779.
- AMSTERDAM, capital of Holland, I. 779; XII. 65; academy of sciences, I. 73; bank of, III. 337; canal, IV. 788; libraries, XIV. 532; ordinances of, XXI. 584; university, XXIII. 850.
 —, island, Indian Ocean, I. 781.
- AMU DARIA, or Amu (Oxus), river, Central Asia, XVIII. 101; IV. 1; XXIII. 512.
- AMUL, or Amol, town, Persia, I. 746.
- AMULET, charm, I. 781.
- AMUR (Amoor), river, Eastern Asia, I. 746; XV. 548; XVIII. 117; XXI. 68; XXII. 5.
 —, government, Russia, XXII. 2.
- AMURATH, or Murad, I., Turkish sultan, I. 781; XXIII. 641.
 — II., sultan, I. 781; XXIII. 641; his victory over the Poles, XIX. 289.
 — III., sultan, I. 782; XXIII. 644.
 — IV., sultan, I. 782; XXIII. 645.
 — V., sultan, XXIII. 652.
- AMURSAMA, Kalmuk khan, XVI. 746.
- AMWELL, village, England, I. 782.
- AMY, Pierre, friend of Rabelais, XX. 194.
- AMYGDALON, reservoir, Jerusalem, XIII. 638.
- AMYLOID DEGENERATION, in pathology, XVIII. 390.
- AMYMONE, in Greek legend, I. 782.
- AMYNAS, king of Macedonia, XV. 138.
- AMYNOR, Toland's work, XXIII. 434.
- AMYOT, Jacques, French bishop and writer, I. 782; III. 143; IX. 656; XIV. 868.
- AMYRALDISTS, sect, followers of Amyraut, IV. 742.
- AMYRAUT, Moses, French theologian, I. 782; IV. 741; XVIII. 492.
- AMYRTÆUS, Egyptian king, VII. 744; XVIII. 574.
- ANA, I. 783; III. 655; French, IX. 657.
 —, town, Mesopotamia, II. 59; XVI. 48.
- ANABAPTISTS, religious sect, I. 786; III. 353; XVI. 12.

- ANABAPTIST TUMULTS, in Germany, I. 786; XV. 78.
- ANABASIS, Xenophon's work, I. 787; XXIV. 721.
- ANABOLISM, constructive processes, in physiology, XIX. 13, 19, 22, 49; XXI. 724.
- ANACANTHINI, order of fishes, XII. 691.
- ANACAPRI, town, Italy, v. 77.
- ANACHARSIS, Scythian philosopher, I. 787.
- , Lucian's dialogue, XV. 45.
- , Voyage de, Barthélemy's work, III. 402.
- CLOOTZ, French Revolutionist, VI. 37.
- ANACHRONISM, I. 787.
- ANACLETUS II., antipope, XIX. 500.
- ANACOLUTHON, grammatical incongruity, I. 787.
- ANACONDA, snake, I. 788; III. 841.
- , Copper mines of, Montana, U.S.A., XXIII. 816.
- ANACREON, Greek poet, I. 788.
- ANADYOMENE, epithet of Aphrodite, I. 788.
- ANADYR, gulf and river, Siberia, I. 789; XV. 547.
- ANÆMIA, disease, XIII. 359; diet in, VII. 206; as caused by parasites, XVIII. 270; pernicious, XVIII. 377.
- ANAEROBIC PLANTS, XIX. 51.
- ANÆSTHESIA, in medicine, I. 789; produced by chloroform, v. 680.
- ANÆSTHETICS, XVII. 230; as poisons, XIX. 279.
- ANAGHMORE, Lough, Ireland, XX. 171.
- ANAGNI, town, Italy, I. 790.
- ANAGRAM, transposition of letters, I. 790.
- ANAH, town, Turkey in Asia, II. 59.
- ANAHUAC, plateau, Mexico, I. 791; XVI. 206.
- ANAKA, Egyptian goddess, II. 90.
- ANAKAPALLE, town, India, XXIV. 267.
- ANALCIME, mineral, XVI. 421.
- ANALOGICAL CHANGE, in philology, XVIII. 783.
- ANALOGY, logical process, I. 791.
- , in comparative anatomy, I. 793; contrasted with homology, XXIV. 807.
- , Divine, Bishop Browne's work, IV. 389.
- OF RELIGION, Bishop Butler's work, IV. 583.
- ANALYSIS, I. 793.
- , Chemical, I. 795; ultimate, v. 544.
- , Harmonic, in physics, XI. 481.
- , Logical, I. 796; XIV. 785.
- , Mathematical, I. 793; IX. 818; residual, Landen's theorem of, XIV. 271.
- , Psychological, I. 796.
- OF THE MIND, James Mill's work, XVI. 307.
- ANALYTICAL GEOMETRY, X. 408.
- ANALYTICAL TRIGONOMETRY, XXIII. 568.
- ANALYTIC JUDGMENTS, I. 797.
- ANALYTICS, in logic, XIV. 785.
- , Aristotle's work, II. 516.
- ANAM, kingdom, Cochín China, I. 798; VI. 94; Roman Catholic missions in, XIX. 811.
- ANAMESE, people and language, VI. 95; dictionary of language, VII. 182.
- ANAMIS, river, Persia, XVII. 856.
- ANAMOBOE, settlement, West Africa, II. 61; X. 755.
- ANAN, founder of the Karaites, XIV. 2.
- ANANASSA SATIVA, plant, XIX. 106.
- ANANDA, Buddha's attendant, IV. 431.
- ANANG-PAL, raja of Lahore, XV. 286.
- ANAN-ISHO, Syriac writer, XXII. 843.
- ANAO, islets, Tuamotu, South Pacific, XXIII. 602.
- ANARCHISM, socialistic, XXII. 216.
- ANARCHY, defined, XIV. 356.
- ANARRICHAS LUPUS, species of fishes, XXI. 614.
- ANAS, genus of birds, VII. 505; XIX. 647; XXI. 378; XXIII. 105; XXIV. 561.
- ANASTASIAN WALL, from Propontis to Euxine, I. 798.
- ANASTASIOPOLIS, town, Mesopotamia, XVI. 48.
- ANASTASIUS I.-II., emperors of Constantinople, I. 798.
- , Hope's novel, XII. 158.
- ANASTATES, in physiology, XIX. 19.
- ANASTATIC PRINTING, XXII. 716.
- ANATASE, mineral, XVI. 387; XXIII. 410.
- ANATHEMA, I. 798; VIII. 791.
- ANATHO (Ana), ancient town, Mesopotamia, XVI. 48.
- ANATIDÆ, family of birds, VII. 505.
- ANATOLIA, division, Asiatic Turkey, II. 703; XXIII. 654.
- ANATOMY, I. 799 (index, 908); VII. 221; in relation to medicine, XV. 794; to physiology, XIX. 8; to phrenology, XVIII. 846; its importance in zoological study, XXIV. 814; comparative, VI. 225; XXIV. 800; of the digestive organs, VII. 221; of the skeleton, XXII. 105; of Amphibia, I. 751; of birds, III. 699; of fishes, XII. 635; of mammals, XV. 347; of man, I. 799; VII. 221; of reptiles, XX. 445; Blumenbach's works on, III. 841; researches in, by Malpighi, XV. 338; by Morgagni, XVI. 822; by Rokitsky, XX. 624.
- ACT (1871), XV. 799.
- OF MELANCHOLY, Burton's work, IV. 571.
- ANAUHITE, mineral, XVI. 424.
- ANAXAGORAS, Greek philosopher, II. 1; on astronomy, II. 746; on evolution, VIII. 756; his influence on Pericles, XVIII. 529.
- ANAXARCHUS, Greek philosopher, II. 2; I. 484.
- ANAXILAUS of Larissa, physician, II. 2.
- ANAXIMANDER, Greek philosopher, II. 2; on astronomy, II. 746.
- ANAXIMENES of Lampsacus, Greek rhetorician, II. 2; his Rhetoric, XX. 513.
- of Miletus, Greek philosopher, II. 2; on astronomy, II. 746.
- ANAXONIA, morphological forms, XVI. 843.
- ANBIYANAMA, Persian books, XVIII. 657.
- ANCELOT, Jacques A. F. P., French dramatist, II. 2.
- ANCESTOR WORSHIP, XVII. 141; XXIII. 467.
- ANCHAR, tree, XXIII. 859.
- ANCHINIA, genus of Tunicata, XXIII. 615.
- ANCHISES, in classical legend, II. 3.
- ANCHOR, II. 3; XXI. 597.
- ANCHORAGE, II. 8.
- ANCHORETS, or Anchorites, hermits, I. 10; XVI. 698.
- ANCHOVY, fish, II. 9; XII. 694; fishery, in Italy, XIII. 455.
- ANCHYLOSIS, stiffness of joint, II. 9; XXII. 686.
- ANCIENT MARINER, Coleridge's poem, VI. 136.
- ANCILLON, Charles, French writer, II. 9.
- , David, French divine, II. 9.
- , Johann P. F., Prussian historian and statesman, II. 9.
- ANCLAM, town, Prussia, II. 59.
- ANCONA, province, Italy, II. 9; town, II. 10.
- ANCUS MARCIUS, Roman king, II. 10.
- ANCYLUS, genus of Mollusca, XVI. 661.
- ANCYRA (Angora), ancient town, Asia Minor, II. 45; battle of (c. 242 B.C.), XVII. 588.
- ANDA-EL-MISK (Dizful), town, Persia, VII. 305.
- ANDALIYEH (Satali), town, Asia Minor, XXI. 317.
- ANDALUSIA, province, Spain, II. 10; XXII. 298.
- ANDALUSIAN DIALECT, XXII. 351.
- ANDALUSITE, mineral, XVI. 408.
- ANDAMAN ISLANDS, Bay of Bengal, II. 11, 685; XII. 815; birds of, III. 761.
- ANDEIRA, Joao Fernandes, Portuguese ambassador, XIX. 543.
- ANDELYS, Les, town, France, II. 13.
- ANDENNE, town, Belgium, II. 13.
- ANDERIDA, in Kent, Storming of (491), VIII. 270.
- ANDERNACH, town, Rhenish Prussia, II. 13.
- ANDERSEN, Hans Christian, Danish writer, VII. 93.
- ANDERSON, Adam, Scottish economist, II. 14.
- , Alexander, mathematician, II. 14.
- , Andrew, his laws of draughts, VII. 445.

- ANDERSON, Sir Edmund, lord chief-justice of England, II. 14.
 —, James, Scottish antiquary, II. 14.
 —, James, LL.D., Scottish economist, II. 14; XIX. 374.
 —, John, founder of Anderson's College, Glasgow, II. 14.
 —, John, founder of School of Science at Penikese, U.S.A., I. 277.
 —, John Henry, the Wizard of the North, xv. 208.
 —, Robert, Scottish author and critic, II. 14.
 ANDERSON'S COLLEGE, Glasgow, II. 14; X. 644.
 ANDERSEN, Adolphus, German chess-player, v. 602.
 ANDES, mountains, II. 15; I. 670; birds of, III. 746; of Argentine Republic, II. 488; of Bolivia, IV. 11; of Chili, v. 616; of Ecuador, VII. 644; of Peru, XVIII. 672.
 —, Los, state, Venezuela, XXIV. 140.
 ANDESINE, mineral, XVI. 420.
 ANDEVO, class of society, Madagascar, XV. 171.
 ANDIANS, Caucasian tribe, XIV. 475.
 ANDIGENA, genus of birds, XXIII. 477.
 ANDIJAN, town, Turkestan, IX. 85; XXIII. 637.
 ANDIRA, genus of trees, x. 707.
 ANDKHUI, province, Afghanistan, I. 243.
 ANDÖ, island, Norway, XIV. 769.
 ANDOCIDES, Greek orator, II. 18.
 ANDOMA, river, Russia, XVII. 772.
 ANDORRE, or Andorra, state, between France and Spain, II. 18.
 ANDOVER, town, England, II. 18.
 —, town, Massachusetts, U.S.A., II. 18.
 ANDRADA, Antonio d', traveller in Tibet, XIV. 502.
 —, Diego Payva d', Portuguese theologian, II. 19.
 — E SYLVA, Bonifacio José d', Brazilian naturalist and statesman, II. 19.
 ANDRÉ, Major John, soldier in American war, II. 19; XXIII. 744, 787.
 ANDREA, Giovanni, Italian canonist, II. 19.
 — DELLA ROBBIA, Florentine sculptor, XX. 590.
 — DEL SARTO, Italian painter, XXI. 315.
 ANDRÆ, Johann Valentin, Rosicrucian writer, XX. 852.
 —, Laurentius, Swedish theologian, XXII. 754.
 ANDRÆACEÆ, family of mosses, XVII. 73.
 ANDREANI, Andrea, Italian wood-engraver, II. 20.
 —, Paul, his balloon, I. 190.
 ANDREAS, early English poem, VIII. 404.
 ANDREASBERG, town, Prussia, II. 20.
 ANDREEVA, town, Russia, II. 20.
 ANDREEVKA, town, Russia, XXIII. 83.
 ANDRENOVIAN ISLANDS, North Pacific, I. 479.
 ANDREOLI, Giorgio, majolica worker, XIX. 626.
 ANDREOSI, Antoine François, Comte d', French officer, II. 20.
 ANDRES, Juan, Spanish author, II. 20.
 ANDREW, St, of Scripture, II. 20.
 — I.-III., kings of Hungary, XII. 368.
 —, John Albion, governor of Massachusetts, XXIII. 773, 787.
 ANDREWES, Lancelot, English bishop, II. 20; VIII. 388.
 ANDREWS, James Pettit, English writer, II. 21.
 —, Thomas, his researches on carbonic acid gas, XIX. 244.
 ANDRIA, town, Italy, II. 21.
 —, Terence's play, XXIII. 187.
 ANDRIACUS, river, Asia Minor, xv. 94.
 ANDRIÆ, Gudmund, Icelandic writer, XXI. 368.
 ANDRIAMANITRA, in Malagasy religion, XV. 173.
 ANDRIANA, class of society, Madagascar, XV. 171.
 ANDRIEU, Bertrand, French engraver, II. 22.
 ANDRISCUS, the false Philip, II. 22.
 ANDRO, island, Greece, II. 23.
 ANDROCLUS, Roman lion-tamer, II. 22.
 ANDROLEPSIA, Greek custom of reprisal, I. 160.
 ANDROMACHE, in Greek legend, II. 22.
 —, Euripides's play, VIII. 676.
 ANDROMAQUE, Racine's drama, XX. 206.
 ANDROMEDA, in Greek legend, II. 22; XVIII. 560.
 ANDROMEDS, meteors, XVI. 111.
 ANDRONICUS I.-III., Byzantine emperors, II. 22, 23; XVIII. 166.
 — of Cyrrhus, Greek astronomer, II. 23.
 — of Rhodes, Peripatetic philosopher, II. 23; XVIII. 546; editor of Aristotle's writings, II. 512.
 ANDROS, island, Greece, II. 23.
 —, Sir Edmund, governor, New York, XVII. 455.
 ANDROSCOGGIN, river, Maine, U.S.A., xv. 298.
 ANDROS ISLANDS, West Indies, III. 236.
 ANDROT, island, Laccadives, Indian Ocean, XIV. 183.
 ANDROTION, Demosthenes's speech against, VII. 69.
 ANDRUSZOWO, Treaty of (1667), XIX. 295.
 ANDUJAR, town, Spain, II. 23.
 ANDUZE, town, France, II. 24.
 ANECDOTA, of Procopius, XIX. 791.
 ANECDOTE, II. 24.
 ANEGADA ISLAND, West Indies, XXIV. 261.
 ANEITEUM, island, New Hebrides, XVII. 395.
 ANEL, Dominique, French surgeon, II. 24.
 ANELLO, Tommaso (Masaniello), Neapolitan revolutionist, xv. 606.
 ANEMOMETER, wind-measurer, II. 24; XX. 608.
 ANEMONE, flower, XII. 253.
 ANEMONES, Sea, I. 129; VI. 369; as parasites, XVIII. 261.
 ANENCEPHALOUS MONSTER, XVI. 763.
 ANEROID BAROMETER, III. 383.
 ANET, town, France, II. 26.
 ANETHUM, genus of plants, VII. 240.
 ANEURIN, Book of, Welsh poems, v. 317.
 ANEURISM, disease, II. 26; treatment of, XII. 388; XXII. 683.
 A NEW WAY TO PAY OLD DEBTS, Mas-singer's play, xv. 619.
 ANEVSA, town, Arabia, XVII. 773.
 ANFA (Casa Blanca), town, Morocco, XVI. 831.
 ANGAD, Sikh ruler, India, XX. 110.
 ANGAKOK or Angekok, Eskimo wizard, VII. 63; VIII. 546.
 ANGARA, rivers, Siberia, II. 26; XXII. 5; XXIII. 510; XXIV. 742.
 ANGARIA, ancient Persian and Roman postal system, II. 26.
 ANGASTON, town, South Australia, XXII. 284.
 ANGEKOK, or Angakok, Eskimo wizard, VII. 63; VIII. 546.
 ANGEL, of Scripture, II. 26, 183.
 —, gold coin, II. 28.
 ANGEL-FISH, XII. 686.
 ANGELICA, genus of plants, II. 28.
 ANGELIC BRETHREN, German sect, x. 588.
 ANGELICO, Fra, Italian painter, IX. 148, 772.
 ANGÉLIQUE DE SAINTE MAGDELEINE, Marie, abbess of Port-Royal, II. 621; XIX. 533.
 ANGÉLIQUE DE SAINT JEAN, abbess of Port-Royal, II. 620.
 ANGELN, peninsula, Schleswig-Holstein, XXI. 415.
 ANGELO, Michel (Michelangelo), XVI. 229.
 ANGELUS, Isaac II., Byzantine emperor, XIII. 374.
 — SILESIUS, German poet, II. 28.
 ANGER, suburb, Passau, Bavaria, XVIII. 341.
 ÅNGERMANN, river, Sweden, II. 29; XXII. 736.
 ANGERMÜNDE, town, Prussia, II. 29.
 ANGERS, town, France, II. 29; university of, XXIII. 839, 851.
 ANGERSTEIN, John Julius, patron of fine arts, II. 29.
 ANGHIARI, town, Italy, II. 29.
 —, Baldaccio d', Florentine soldier, xv. 784.
 ANGILBERT, St, mediæval poet, II. 29.
 ANGINA PECTORIS, disease, II. 29; XI. 554.

- ANGIOLELLO, Giovan Maria, Italian traveller, x. 179.
- ANGIOLIERI, Cecco, Italian poet, XIII. 501.
- ANGIOSPERMÆ, class of plants, XXIV. 131; fertilization in, xx. 428.
- ANGKOR, Ruins of, Siam, iv. 726; XXI. 853.
- ANGLE, in geometry, II. 29; x. 377; magnitude and measurement of, xv. 667; XXIII. 563; measurement of, in surveying, XXII. 698, 703.
- , of a crystal, xvi. 347, 352.
- ANGLES, Teutonic tribe, II. 30; their settlement in England, VIII. 268, 270; XXI. 739; in Northumberland, XVII. 568.
- ANGLESEA, or Anglesey, county, Wales, II. 30; population and representation, XXIII. 727.
- , Earl of (Annesley), II. 30.
- ANGLESEY, Marquis of (Paget), II. 30.
- ANGLESITE, lead ore, XIV. 375; xvi. 400.
- ANGLING, II. 32; Izaak Walton on, XXIV. 342.
- ANGLO-SAXON ALPHABET, I. 612.
- ANGLO-SAXON LANGUAGE, VIII. 391, 392; dictionaries of, VII. 187.
- ANGLO-SAXON LITERATURE, VIII. 403.
- ANGLO-SAXONS, Weapons of the, II. 555.
- ANGOCHE, district, East Africa, XVII. 7.
- ANGOLA, country, West Africa, II. 45; I. 269; XXIV. 828.
- ANGON, ancient Frankish dart, II. 555.
- ANGORA, province, Turkey in Asia, XXIII. 653.
- , town, Turkey in Asia, II. 45; battle of (1402), XXIII. 641.
- GOAT, II. 710; x. 708; hair of (mohair), xvi. 544.
- ANGORNO, town, Central Africa, II. 45.
- ANGOSCIOLA, Sophonisba, Italian painter, II. 47.
- ANGOSTURA, town, Venezuela, II. 45.
- ANGOULÊME, town, France, II. 45.
- , Charles de Valois, duke of, II. 46; IX. 619.
- ANGOUMOIS, old province, France, II. 46.
- ANGOY, district, West Africa, XIV. 742.
- ANGRA, town, Azores, II. 46; III. 171.
- PEQUEÑA, German settlement, South Africa, XVII. 168.
- ANGRI, town, Italy, II. 46.
- ÅNGSTRÖM, Anders J., on the spectrum of the aurora, III. 94; on thermal conductivity, XI. 578.
- ANGUIER, François and Michel, French sculptors, II. 46.
- ANGUILLA, genus of fishes, VII. 692.
- , island, British West Indies, II. 46.
- ANGUILLULA TRITICI, wheat pest, XVII. 325; XXIV. 536.
- ANGUILLULIDÆ, family of worms, XVII. 325.
- ANGUINEUM, Druidic charm, VII. 477.
- ANGULAR VELOCITY, xv. 682.
- ANGUS (Forfar, *q.v.*), county, Scotland, IX. 410.
- , Earl of (Bell the Cat), XXI. 495.
- , Earl of, husband of Margaret Tudor, XXI. 497.
- MACFERGUS, Pictish king, XXI. 476.
- ANGUSSOLA, Sophonisba, Italian portrait painter, II. 47.
- ANHALT, duchy, Germany, II. 47.
- ANHER, Egyptian divinity, VII. 718.
- ANHIMA, bird, XXI. 552.
- ANHYDRIDES, in chemistry, v. 571.
- ANHYDRITE, mineral, xvi. 400; XIX. 588.
- ANHYDROSULPHURIC ACID, v. 507.
- ANI, ruined town, Turkey in Asia, II. 72.
- , bird, VI. 687.
- ANIANUS, Breviary of, IV. 262.
- ANICETUS, bishop of Rome, XIX. 416, 488.
- , officer of Nero, XVII. 349.
- ANICHINI, Luigi, Italian engraver, II. 47.
- ANICIUM (Le Puy), ancient town, France, XX. 119.
- ANIE, mountain, France, XX. 126.
- ANIELLO, Tommaso (Masaniello), Neapolitan revolutionist, xv. 606.
- ANIEN (Anio), river, Italy, II. 57.
- ANILINE, in chemistry, II. 47; XII. 844.
- BLACK, IV. 690; from vanadium, XXIV. 54.
- DYES, v. 577; VII. 572.
- ANIMALCULISTS, versus Ovists, XXIV. 815.
- ANIMAL HISTOLOGY, XII. 4.
- ANIMAL KINGDOM, II. 49; XXIV. 801; Oken's classification of, XVII. 750; Lankester's, XXIV. 812.
- ANIMAL MAGNETISM, xv. 277.
- ANIMAL MEDICINE, XXIV. 197.
- ANIMAL METAMORPHOSES, Myths of, xv. 90.
- ANIMAL MORPHOLOGY, xvi. 841.
- ANIMAL MOUNDS, of Wisconsin, XXIV. 618.
- ANIMAL PARASITISM, XVIII. 258.
- ANIMAL PHYSIOLOGY, XIX. 10.
- ANIMALS, II. 49; XXIV. 801; breeds of, IV. 244; geographical distribution of, VII. 267; x. 212; distribution of, in time, VII. 281; geological action of, x. 289, 290; longevity in, XIV. 857; distinction between them and plants, XIX. 830; as totems, XXIII. 468.
- ANIMAL SPEECH, XVIII. 769.
- ANIMAL SPIRITS, XIX. 10.
- ANIMAL SUBSTANCES, Baths of, III. 439.
- ANIMAL WORSHIP, XVII. 144, 151.
- ANIMÉ, resinous gum, II. 55.
- ANIMISM, in anthropology, II. 55; xv. 91, 205; xx. 367; of the Buddhists, XIV. 228; Stahl's theory of, xv. 812.
- ANIMUCCIA, Giovanni, Italian musical composer, II. 57; XVII. 85; XVIII. 179.
- ANIO, river, Italy, II. 57.
- NOVUS, ancient aqueduct, II. 220.
- ANISE, herb, II. 57; XII. 289.
- ANISEIA, desert plant, XVIII. 670.
- ANISOMETROPIA, defect of vision, XXII. 373.
- ANISOPLEURA, subclass of Mollusca, xvi. 644.
- ANJAR, town and district, India, II. 58.
- ANJENGO, town, India, II. 58.
- ANJER, town, Java, II. 58.
- ANJOU, old province, France, II. 58; connexion of counts and dukes of, with the Capet family, v. 55; their rule in Naples, XVII. 191; their relations with Normandy, XVII. 545.
- , Geoffrey of (Plantagenet), XIX. 175.
- , Margaret of, wife of Henry VI. of England, xv. 536.
- , René, duke of, II. 58.
- ANKA, fabulous bird, XVIII. 811.
- ANKARATRA, mountains, Madagascar, xv. 168.
- ANKARSTRÖM, Johan Jakob, Swedish regicide, II. 59.
- ANKERITE, mineral, xvi. 397.
- ANKLAM, town, Prussia, II. 59.
- ANKLE, Anatomy of the, I. 830.
- JOINT, Amputation of, XXII. 678; muscles of, I. 841.
- ANKOBAR, town, Abyssinia, II. 59.
- ANKYLOSIS, stiffness of joint, II. 9.
- ANLACE, weapon, XXII. 802.
- ANN, or Annat, in Scots law, II. 62.
- ANNA, town, Turkey in Asia, II. 59.
- , Baldassarre d', Venetian painter, II. 60.
- CARLOVNA, Russian regent, II. 59.
- COMNENA, princess and authoress, II. 59; her History of Alexius, IV. 613.
- IVANOVNA, empress of Russia, II. 60; XXI. 98.
- ANNABA (Bône), town, Algeria, IV. 31.
- ANNABERG, town, Saxony, II. 60.
- ANNABERGITE, mineral, xvi. 404.
- ANNABONA, island, West Africa, II. 72.
- ANNALES, Stow's chronicle of England, XXII. 579.
- ANNALS, chronological record, II. 60.
- , Tabari's, Arabic history, XXIII. 4.
- , Tacitus's work, XXIII. 20.
- , Spring and Autumn, Confucius's work, v. 661.
- OF THE PARISH, Galt's novel, x. 47.
- ANNAM (Anam), kingdom, Asia, I. 798.
- ANNAMABOE, town, Gold Coast, Africa, II. 61.
- ANNAMESSE DICTIONARY, VII. 182.
- ANNAN, town, Scotland, II. 61; river, II. 61; VII. 526.
- ANNAPOLIS, town, Maryland, U.S.A., II. 61; xv. 603; observatory at, XVII. 715.
- , town, Nova Scotia, II. 61; XVII. 603; river, XVII. 601.
- ANN ARBOR, town, Michigan, U.S.A., II. 61; observatory at, XVII. 715.

- ANNAT, or Ann, in Scots law, II. 62.
 ANNATES, ecclesiastical tax, II. 61.
 ANNATTO (Arnotto), dyestuff, II. 627.
 ANNE, queen of England, II. 62; VIII. 353; her favour for Harley, XVIII. 100.
 — of Austria, wife of Louis XIII. of France, IX. 567, 571, 574.
 — of Beaujeu, regent of France, v. 411; IX. 553.
 — of Bohemia, wife of Richard II. of England, XX. 541.
 — of Brittany, wife of Charles VIII. of France, v. 411; IX. 554; at Nantes, XVII. 173.
 — of Cleves, wife of Henry VIII. of England, VIII. 336; XI. 665.
 — of Denmark, wife of James VI. of Scotland, XXI. 508.
 — BOLEYN, wife of Henry VIII. of England, IV. 4; VIII. 334; XI. 664.
 ANNEALING, in glass and metal manufacture, II. 63; of steel, XIII. 352.
 ANNECY, town, France, II. 64; XXI. 332; lake, XIV. 218; XXI. 332.
 ANNELIDA, class of animals, II. 65.
 ANNERÖDITE, mineral, XVI. 426.
 ANNESLEY, Arthur, earl of Anglesea, II. 30.
 — BAY, Red Sea, XX. 316.
 ANNET, Peter, writer on Deism, VII. 35.
 ANNEXATION, of territory, law of, XIII. 192.
 ANNI, ruined town, Turkey in Asia, II. 72.
 ANNIHILATION, in eschatology, VIII. 538.
 ANNIVITE, mineral, XVI. 395.
 ANNO, archbishop of Cologne, X. 487.
 — BOM, island, West Africa, II. 72.
 ANNONAY, town, France, II. 72.
 ANNUALS, in horticulture, XII. 248.
 ANNUITIES, II. 72; post office, XIX. 574; repayment of loans by, XVII. 244; values of, in life assurance, XIII. 172.
 —, Consolidated, British, VI. 293.
 ANNUNCIATION, Feast of the, II. 90; XV. 592.
 ANNWEILER, town, Bavaria, II. 147.
 ANODON, genus of Mollusca, XVI. 686, 688, 690.
 — CYGNEUS, mussel, XVII. 110.
 ANODYNE, in medicine, II. 90; XVII. 230.
 ANOINTING, II. 90; VIII. 813.
 ANOLIS, genus of lizards, XIV. 735.
 ANOMALURUS, species of rodent mammals, XV. 417; XXII. 107.
 ANOMIA, former name for Brachiopoda, IV. 188.
 ANOMITE, mineral, XVI. 413.
 ANOMODONTIA, order of reptiles, XX. 442.
 ANOMOEANISM, species of Arianism, VIII. 667.
 ANONA, genus of plants, VI. 729.
 ANONYMOUS BOOKS, III. 657.
 ANOPLA, division of nemertine worms, XVII. 326.
 ANOPLOTHERIUM, fossil ungulate mammal, XV. 430.
 ANOPLURA, group of insects, XIII. 153; XV. 24.
 ANORTHIC SYSTEM, of crystals, XVI. 361.
 ANORTHITE, mineral, XVI. 419.
 ANOUKIS, Egyptian goddess, II. 90.
 ANOUS, genus of birds, XVII. 531.
 ANQUETIL, Louis Pierre, French historian, II. 90.
 — DU PERRON, Abraham Hyacinthe, French Orientalist, II. 90; XXIV. 775.
 AN RIABHACHAN, mountain, Scotland, XX. 854.
 ANSAIRI HILLS, Syria, XXII. 821.
 ANSAN, ancient province, Persia, XIII. 395.
 ANSARI, Abdallah, Persian pantheistic writer, XVIII. 658.
 ANSBACH, town, Bavaria, II. 91.
 ANSELM, archbishop of Canterbury, II. 91; VIII. 303, 372; XVII. 543, 548; XXI. 422; on the idea of God, XXIII. 241; his dispute with William II., XXIV. 578; his contests with Henry I., XI. 656.
 — of Laon, theologian, II. 93.
 ANSER, genus of birds, X. 777; XIX. 647.
 ANSGARIUS, or Anskar, St, first archbishop of Hamburg, XI. 408; his missionary labours in Denmark, VII. 84; in Sweden, XVI. 708; XXII. 745.
 ANSHAN, ancient town, Persia, XVIII. 565.
 ANSLO, Reyer, Dutch poet, XII. 95.
 ANSON, Lord, British navigator, II. 93; X. 189.
 — ISLANDS, Micronesia, XVI. 256.
 ANSPACH (Ansbach), town, Bavaria, II. 91.
 ANSTER FAIR, Tennant's poem, XXIII. 175.
 ANSTEY, Christopher, English poet, II. 93.
 ANSTRUTHER-EASTER, town, Scotland, II. 94.
 ANSTRUTHER-WESTER, town, Scotland, II. 94.
 ANSUINO of Forlì, Italian painter, XV. 501.
 ANSWER, in law, XIX. 218.
 ANT, insect, II. 94; XII. 577; XIII. 148; honey-bearing, XII. 136; white, I. 260; XIII. 146, 152.
 ANTÆ, in architecture, II. 459.
 ANTÆUS, in Greek mythology, II. 100; XIX. 559.
 ANTAKIE (Antioch), town, Syria, II. 132.
 ANTALCIDAS, Spartan politician, II. 100; peace of (387 B.C.), XVIII. 578; XXII. 370.
 ANTALO, town, Abyssinia, II. 100.
 ANTANANARIVO, town, Madagascar, XV. 175.
 ANTAR, Arabian romance, II. 100, 713.
 ANTARA, or Antar, Arabian warrior and poet, II. 100; XVI. 537.
 ANTARCTIC EXPLORATIONS, VII. 530; X. 195; XIX. 329.
 ANTARCTIC OCEAN, II. 100.
 ANTEATER, families of mammals, XV. 385, 388, 389; their relation to the megatherium, XV. 830; porcupine, VII. 628; scaly, XV. 388; XVIII. 210.
 ANTECHINOMYS, genus of marsupial mammals, XV. 380; XXII. 285.
 ANTELAMI, Benedetto, Italian sculptor, XXI. 567.
 ANTELOPE, group of ungulate mammals, II. 100; XV. 431; chamois, v. 384; eland, VII. 796; gemsbok, X. 141; gnu, X. 705; harte-beest, XI. 496; nylghau, XVII. 688; Indian species, XII. 742.
 ANTEMNÆ, ancient town, Italy, II. 102; XIV. 344.
 ANTENNÆ, of insects, XIII. 143; in ants, II. 96.
 ANTENOR, Greek sculptor, II. 102.
 —, Trojan elder, II. 102.
 ANTEQUERA, town, Spain, II. 102.
 ANTHEM, musical composition, II. 102; XVII. 82.
 ANTHEMIUS, emperor of the West, XIV. 452.
 —, Greek mathematician, II. 103.
 ANTHER, of plants, IV. 136.
 ANTHERÆA, genus of silkworms, XXII. 60.
 ANTHERIDIA, sexual organs of plants, IV. 140; IX. 101, 105; XVII. 65; XX. 425.
 ANTHESTERIA, Athenian festival, II. 103.
 ANT-HILLS, II. 96.
 ANTHOCEROTEÆ, family of liverworts, XVII. 70.
 ANTHOLOGY, II. 103.
 ANTHON, Charles, American philologist, II. 106.
 ANTHONY, or Antony, St, Egyptian hermit, II. 106; I. 10; XVI. 699.
 —, St, of Padua, XVIII. 131.
 ANTHOPHYLLITE, mineral, XVI. 417.
 ANTHOXANTHIN, colouring matter in plants, XIX. 53.
 ANTHOZOA, group of animals, XII. 549.
 ANTHRACÆMIA, disease, XXIV. 663.
 ANTHRACENE, in chemistry, XVIII. 238; XXIII. 58.
 ANTHRACITE, kind of coal, II. 106; VI. 45; XVI. 429; in Pennsylvania, U.S.A., XVIII. 501; use of, for smoke abatement, XXII. 182.
 ANTHRACNOSE, vine disease, XXIV. 240.
 ANTHRACONITE, mineral, XV. 528; XVI. 397.
 ANTHRAX, animal disease, XVII. 58; XXI. 400; in wool-workers, XXIV. 663.

- ANTHROPINI, human family, in zoology, II. 108.
- ANTHROPOLOGY, II. 107; in relation to evolution, VIII. 766; to language, XVIII. 765; to mythology, XVII. 143; Prichard's contributions to, XIX. 723; anthropological societies, XXII. 226.
- ANTHROPOMORPHISM, II. 123, 190; Celsus on, v. 296. See also article Theism, XXIII. 234.
- ANTHROPOPHAGY, cannibalism, IV. 807.
- ANTHROPOTOMY, human anatomy, I. 799.
- ANTHUS, genus of birds, XIX. 112.
- ANTIARIS, genus of trees, XXIII. 859.
- ANTIBES, town, France, II. 124.
- ANTIBRACHIUM, the fore-arm, I. 826; of mammals, XV. 358.
- ANTIBURGHES, Scottish religious denomination, X. 572; XV. 132; XXIII. 728.
- ANTICHINOMYS, genus of marsupial mammals, XXII. 285.
- ANTICHRIST, of Scripture, II. 124; XX. 499; XXIII. 298.
- ANTICLIMAX, in rhetoric, II. 127.
- ANTICLINAL FOLDS, in geology, X. 300.
- ANTI-CORN-LAW LEAGUE, VI. 84.
- ANTICOSTI, island, Canada, II. 127; XX. 165.
- ANTICYCLONES, in meteorology, III. 34; VI. 7; XVI. 154.
- ANTICYRA, three ancient towns, Greece, II. 127.
- ANTIDOTES, to poisons, XIX. 276.
- ANTIETAM, U.S.A., Battle of (1862), II. 127; XXIII. 777.
- ANTIGONE, daughter of Oedipus, II. 127.
- , wife of Peleus, II. 127.
- , Sophocles's drama, XXII. 273.
- , island, Sea of Marmora, XIX. 742.
- ANTIGONUS CYCLOPS, king of Asia, II. 127; XV. 142; XVIII. 585.
- ANTIGONUS GONATAS, king of Macedonia, II. 128; XV. 142.
- ANTIGORITE, mineral, XVI. 414.
- ANTIGUA, island, West Indies, II. 128; XXIV. 510.
- ANTILEGOMENA, disputed books of Scripture, II. 128; III. 645.
- ANTILIBANUS, mountain, Syria, XIV. 392; XXIII. 654.
- ANTILLES, islands, West Indies, II. 128; XXIV. 509; birds of, III. 748; lost birds of, III. 734.
- ANTILOGARITHMS, Tables of, XIV. 776; XXIII. 12.
- ANTIMACHUS, Greek poet, II. 129; XII. 115.
- ANTIMILO, island, Greece, XV. 841.
- ANTIMONY, chemical element, II. 129; v. 540; XVI. 380; ores of, XVI. 58.
- ANTINOMIANS, ANTINOMIANISM, II. 129; I. 290; XI. 737.
- ANTINOMY, in philosophy, II. 130.
- ANTINOOPOLIS, town, Egypt, VII. 775.
- ANTINOUS, Hadrian's page, II. 130.
- ANTIOCH, ancient town, Pisidia, Asia Minor, II. 133; XIX. 130.
- , ancient town, Syria, II. 130; XXII. 822; St Paul's connexion with, XVIII. 419; aqueduct at, II. 221; coins of, XVII. 649; siege of, by the crusaders, VI. 625.
- , Casarean era of, v. 715.
- , Mundane era of, v. 714.
- ANTIOCHE, ancient town, Isle of Ré, France, XX. 302.
- ANTIOCHIA MARGIANA, ancient Greek town, Merv, XVI. 42, 44.
- ANTIOCHUS I., Soter, king of Syria, II. 133; XVIII. 587.
- II., Theos, II. 133; XVIII. 587.
- III., Magnus, II. 133; XIII. 420; XVIII. 588; his war with Rome, XX. 752.
- IV., Epiphanes, II. 133; XVIII. 589; desecration of Jewish holy places by, XIII. 421.
- V., Eupator, XVIII. 590.
- VII., XVIII. 594.
- VIII., II. 133.
- of Ascalon, Greek philosopher, II. 133; his influence on Varro, XXIV. 92.
- ANTIOPE, mother of Amphion, II. 133.
- , wife of Theseus, II. 133; XXIII. 294.
- ANTIOQUIA, state, Colombia, VI. 154.
- ANTIPAROS, island, Greece, II. 133.
- ANTIPATER, father of Herod the Great, XI. 754; XIII. 424.
- , Macedonian general and regent, II. 134; XV. 142; XVIII. 585.
- , Stoic philosopher, XXII. 570.
- ANTIPAXO, one of the Ionian Islands, Greece, XVIII. 440.
- ANTIPHATES, mythic giant, XIV. 200.
- ANTIPHILUS, ancient painter, II. 134.
- ANTIPHON, Athenian orator, II. 134; XX. 509; XXIII. 323.
- ANTIPHONARY, liturgical service book, II. 134; XIV. 710; XVI. 508.
- ANTIPHONY, in music, II. 134; XVII. 79.
- ANTIPODES, II. 134.
- ANTIQUARIAN SOCIETIES, II. 135; XXII. 227.
- ANTIQUE, remains of ancient art, II. 134.
- ANTIQUITIES, II. 134, 333; of America, I. 692; classical, II. 344.
- ANTIQUITY OF MAN, II. 115.
- ANTIROBIDO, island, Sea of Marmora, XIX. 742.
- ANTIRRHINUM, garden plant, XII. 249, 253.
- ANTISANA, mountain, Ecuador, VII. 644.
- ANTISEPTICS, II. 135; as disinfectants, VII. 258; used for preserving food, XIX. 708; in surgery, XXII. 678.
- ANTI-SLAVERY MOVEMENT, XXII. 141.
- ANTISOZZO, anti-Socinian work by Alsop, I. 637.
- ANTISSA, town, Lesbos, Asia Minor, XIV. 474.
- ANTISTHENES, Greek philosopher, II. 136; VI. 745; his logic, XIV. 784.
- ANTITHEISM, XXIII. 234.
- ANTITHESIS, in rhetoric, II. 138.
- ANTITHETA, Bacon's, XX. 515.
- ANTITRINITARIANISM, XXIII. 244, 725.
- ANTITYPE, theological term, II. 138.
- ANTIUM, ancient town, Italy, II. 138.
- ANTIVARI, town, Montenegro, II. 138; XVI. 781.
- ANTLERS, of deer, VII. 23; XV. 431.
- ANT-LION, insect, v. 363; XIII. 152; allegorical animal, XIX. 6.
- ANTONELLO DA MESSINA, Italian painter, II. 138; XXI. 436, 442.
- ANTONGIL BAY, Madagascar, XV. 168.
- ANTONIA, tower, Jerusalem, XIII. 638; XXIII. 168.
- ANTONIDES, Hans (Van der Goes), Dutch poet, II. 138; XII. 95.
- ANTONINI ITINERARIUM, road book, II. 139.
- ANTONINUS, Marcus Aurelius, III. 86.
- , Wall of, Scotland, II. 139; IV. 353; XXI. 471; XXII. 554.
- AND FAUSTINA, Temple of, II. 416; XX. 820.
- LIBERALIS, Greek grammarian, II. 139.
- PIUS, Titus Aurelius, Roman emperor, II. 139; III. 87.
- ANTONIO, Portuguese pretender, XIX. 547.
- , Nicolao, Spanish bibliographer, II. 140.
- DA TEMPO, Italian writer, XIII. 501.
- ANTONIOPOLIS, town, Mesopotamia, XVI. 48.
- ANTONIUS, the Rhetorician, Syriac writer, XXII. 846.
- , Marcus, Roman orator, II. 140.
- , Marcus (Mark Antony), Roman triumvir, II. 140; III. 79; XX. 768; his relations with Cleopatra, v. 826.
- ANTONOMASIA, in rhetoric, II. 141.
- ANTONY (Anthony), St, II. 106; I. 10; XVI. 699; XVIII. 131.
- , king of Saxony, XXI. 355.
- ANTOZONE, in chemistry, XVIII. 113.
- ANTRIM, county, Ireland, II. 142; population and representation, XXIII. 727; town, II. 144.
- ANT-SPIDER, II. 299.
- ANT-THRUSH, bird, XIX. 149.
- ANTWERP, province, Belgium, II. 144.
- , town, Belgium, II. 144; bombardment of (1830), III. 528; fortifications of, IX. 449; details of siege of (1832), IX. 458; XII. 83; pictures in, XXI. 43, 446.
- ANTYLLUS, Roman surgeon, XXII. 675.
- ANUBIS, Egyptian divinity, II. 146; VII. 325, 718.
- ANUND, Swedish king, XXII. 745.
- ANUP, Egyptian divinity, VII. 718.

- ANURA, order of Amphibia, I. 751.
 ANUS, Anatomy of the, VII. 228; piles, XI. 366.
 ANVERS (Antwerp, *q.v.*), town, Belgium, II. 144.
 ANVIL, for smith work, II. 147; XI. 426.
 ANWARI, Persian poet, II. 147; XVIII. 658.
 ANWEILER, town, Bavaria, II. 147.
 ANXENOR, Greek sculptor, II. 147.
 ANXIA (Lanciano), ancient town, Italy, XIV. 259.
 ANXUR (Terracina), ancient town, Italy, XXIII. 190.
 ANYER, town, Java, XIII. 605.
 ANZIN, town, France, II. 147; XVII. 535.
 ANZITENE, ancient district, Asia, XIV. 159.
 AOIDOI, ancient Greek singers, XVIII. 51.
 AONYX, genus of otters, XVIII. 69.
 AORSI, or Aorses, Asiatic people, XVI. 813; XVIII. 594.
 AORTA, in anatomy, I. 801, 902.
 AOSTA, town, Italy, II. 147.
 AOUDAD, goat-like sheep, XXI. 785.
 AOULIAS, Nepalese race, XVII. 341.
 APACHES, American Indian tribe, XII. 832.
 APAMEA (Birejik), ancient town, Mesopotamia, II. 147; XVI. 48.
 — ancient town, Phrygia, II. 147; XVIII. 852.
 —, ancient town, Syria, II. 147; XXII. 823; coins of, XVII. 649.
 APANAGE, feudal term, II. 147.
 APANAGES, Period of the, in Russia, XXI. 89.
 APANOMERIA, town, Thera island, Greece, XXIII. 280.
 APAR, kind of armadillo, XV. 387.
 APATELITE, mineral, XVI. 401.
 APATIN, town, Hungary, II. 147.
 APATITE, mineral, X. 228; XVI. 407; XVIII. 818; polarity of, XIX. 313.
 APATURIA, Greek festival, II. 147.
 APAUARCTICENE, Parthian kingdom, XVIII. 592.
 APE, zoological group, II. 148; XV. 444; man's relation to the, II. 107; organs of touch in, XXIII. 479; in Spain, XXII. 297; South American forms, I. 681; Sumatran forms, XXII. 640.
 APELDOORN, town, Netherlands, II. 169.
 APELLAS, Greek sculptor, II. 169.
 APELLES, Greek painter, II. 169, 363; XVII. 41; XVIII. 853.
 APELLON, form of name Apollo, II. 185.
 APENNINES, mountains, Italy, II. 169; XIII. 434, 437; crossed by Via Flaminia, IX. 289.
 APENRADE, town, Prussia, II. 170.
 APHANIPTERA, group of insects, VII. 256; XIII. 150.
 APHASIA, disease, II. 171.
 APHEK, town, Phœnicia, XIX. 91.
 APHIDÆ, group of insects, XIII. 146, 153.
 APHIS GRANARIA, wheat pest, XXIV. 535.
 APHONIA, nervous disease, XXIII. 320.
 APHORISM, II. 171.
 APHRAATES, Syriac writer, XXII. 827.
 APHRITE, mineral, XVI. 397.
 APHRODITE, Greek goddess (the Roman Venus), II. 171; XVIII. 295; the Egyptian Athor, III. 13; Praxiteles's statue of, XVIII. 853; temple of, at Paphos, Cyprus, XVIII. 228.
 —, mineral, XVI. 414.
 — AND CUPIDS, statuette, XXIII. 191.
 — URANIA, Phœnician goddess, XVIII. 756.
 APHROTHORACA, order of Protozoa, XIX. 845.
 APHTHA, Epizootic, cattle disease, XVII. 60.
 APHTHARTODOCETISM, ancient heresy, XIII. 796.
 APHTHONGIA, defect of speech, XXII. 448.
 APHTHONIUS, Greek rhetorician, XX. 514; his fables, VIII. 838.
 APIA, town, Navigators' Islands, Pacific, XVII. 279.
 APIARIES, III. 499.
 APICIUS, Roman epicures, II. 173.
 APICULTURE, bee-keeping, III. 499; XII. 138.
 APION, Greek grammarian, II. 173.
 APIS, Egyptian deity, II. 173; VII. 717.
 APLANATIC LENSES, XVI. 260; XXIII. 144.
 APLANOGAMETES, cells in plants, XX. 425.
 APLYSIA, genus of Mollusca, XVI. 656, 657.
 APNCEA, Signs of, in drowning, VII. 474.
 APO, mountain, Philippine Islands, XVIII. 748.
 APOCALYPSE, book of Scripture, II. 174; XX. 496.
 APOCALYPTIC LITERATURE, II. 174; XVI. 315.
 APOCRYPHA, of the Old Testament, II. 180; Syriac version, XXII. 824, 826; book of Baruch, III. 404; Esdras, VIII. 541; Judith, XIII. 765; Maccabees, XV. 131; Tobit, XXIII. 428.
 APODICTIC REASONING, in logic, XIV. 785, 786.
 APOGAMY, in plant reproduction, XX. 424.
 APOLDA, town, Germany, II. 184; XXI. 349.
 APOLLINARIS, Sulpicius, grammarian of Carthage, II. 185.
 — MINERAL WATER, XXIV. 399.
 — SIDONIUS, early Christian writer, II. 184.
 APOLLINOPOLIS MAGNA (Edfu), town, Egypt, VII. 783; temple at, II. 389.
 APOLLO, Greek god, II. 185; VII. 51; his relation to Latona, XIV. 345; oracle of, XVII. 808; Belvidere statue of, II. 186; temple of, at Delphi, VII. 52; temples of, at Thebes, XXIII. 230.
 APOLLO AND DAPHNE, Max Müller's theory of, XVII. 138.
 APOLLO EPICURIUS, temple of, Bassæ, Greece, XVIII. 735.
 APOLLODORUS, Roman architect, II. 186.
 —, Athenian grammarian, II. 186.
 —, Greek painter, II. 186.
 APOLLONIA, ancient town, Cyrenaica, II. 186; XXIII. 575.
 —, ancient town, Illyria, II. 186.
 —, ancient town, Thrace, II. 186.
 —, town, Siphanto, Greek Archipelago, XXII. 95.
 —, lake, Asia Minor, II. 709; XVII. 122.
 APOLLONIATIS, Parthian kingdom, XVIII. 592.
 APOLLONIUS, Alexandrian grammarian, II. 187.
 —, Dyscolus, grammarian, II. 187.
 —, Molo, Greek rhetorician, II. 187.
 —, Pergæus, Greek geometrician, II. 187; his application of geometry to astronomy, II. 749; on conic sections, VI. 273.
 —, Rhodius, Greek epic poet, II. 187; his Argonautica, I. 499.
 — of Tralles, sculptor, II. 187.
 —, Tyanæus, philosopher and magician, II. 188; XXIII. 420; his life, by Philostratus, XVIII. 796.
 — OF TYRE, Greek romance, XX. 635.
 APOLLOS, of Scripture, II. 189.
 APOLOGETICS, in theology, II. 189; dogmatic, VII. 339; XXIII. 274; Origen's work on, XVII. 841.
 APOLOGETICUS, Tertullian's work, XXIII. 197.
 APOLOGIA, of Plato, IX. 198.
 APOLOGUE, fable, II. 193; VIII. 837.
 APOLOGY, Justin Martyr's, XIII. 790.
 APOMORPHIA, emetic, XVII. 793.
 APOPHTHEGM, II. 193; I. 783.
 APOPHYLLITE, mineral, XVI. 421.
 APOPLEXY, disease, II. 193; from heat, XXII. 666.
 APOSPORY, in plant reproduction, XX. 424.
 APOSTASY, II. 194; legal aspects of, XI. 738.
 A POSTERIORI, in philosophy, II. 214.
 APOSTLE, of Scripture, II. 194; of the Gentiles (Paul), XVIII. 416; of Rome (Philip Neri), XVII. 346.
 APOSTLES, their relation to the Christian church, V. 700.
 —, Acts of the, I. 123.
 APOSTLES' CREED, II. 194; VI. 561.
 APOSTOLIC, designation of churches, II. 194.
 — BISHOP, title of the pope, XIX. 498.
 — BRETHREN, Christian sects, II. 198; XX. 322.
 — CANONS, II. 194; V. 16.
 — CONSTITUTIONS, II. 195, 196; V. 16.
 XXV. — 4

- APOSTOLIC FATHERS, II. 195.
 APOSTOLICI, Christian sects, II. 198.
 —, monks, XVI. 711.
 APOSTOLIC VISIT, congregation of the Church of Rome, XX. 629.
 APOSTOLIUS, Michael, Greek theologian, II. 198.
 APOTACTICI, Christian sect, II. 198.
 APOTHECARY, II. 198; XVIII. 730.
 APOTHECIA, female organs, in lichens, XIV. 554.
 APOTHEOSIS, deification, II. 199; demanded by Alexander the Great, I. 484; XV. 141.
 APPALACHIAN MOUNTAINS, North America, II. 200; I. 678; XVII. 396; XXIII. 792.
 APPALACHIAN RACES, American Indians, XII. 828.
 APPARITIONS, II. 202.
 APPEAL, in law, II. 208; English courts of, VI. 516; XIII. 765.
 APPENDICULARIIDÆ, family of Tunica, XXIII. 609, 614.
 APPENDICULATA, in Lankester's zoological classification, XXIV. 813.
 APPENDINI, Francesco Maria, Italian historian, II. 210.
 APPENZELL, canton, Switzerland, II. 210; XXII. 778, 784, 789; town, II. 210; XXII. 778.
 APPENZELLER, J. C., Swiss novelist, XXII. 799.
 APPERLEY, Charles James, sporting writer, II. 211.
 APPIAN, Greek historian, II. 211.
 APPIANI, Andrea, Italian painter, II. 211.
 APPIA VIA (Appian Way), of Claudius, II. 211; V. 816.
 APPLE, tree and fruit, II. 211; IV. 152; XII. 269; culture of, in Kansas, U.S.A., XIII. 843; for cider, V. 775.
 — OF DISCORD, XVIII. 295.
 APPLEBY, town, England, II. 212; XXIV. 516.
 APPLE-SEED OIL, XVII. 744.
 APPLETON, town, Wisconsin, U.S.A., XXIV. 617.
 APPLETON'S AMERICAN CYCLOPÆDIA, VIII. 204.
 APPLIED MECHANICS, XV. 750.
 APPRAISER, valuator, II. 212.
 APPREHENSION, Stoic theory of, XXII. 566.
 APPRENTICESHIP, II. 212; enforced, IX. 760.
 APPROBATION, Love of, in phrenology, XVIII. 845.
 APPROXIMATION, in algebra, I. 553.
 APPULEIUS, or Apuleius (*q.v.*), II. 215; diction and style of, XIV. 338.
 APRAKSIN, Russian general, XXI. 99.
 APRICA PASS, North Italy, XXIV. 45.
 APRICOT, tree and fruit, II. 214; XII. 269.
 APRIES, Egyptian king, II. 214.
 APRIL, month, II. 214.
 A PRIORI, in philosophy, II. 214.
 APSE, in architecture, II. 215; French, II. 430.
 APSHERON, peninsula, Caspian Sea, II. 215; V. 177; XXIII. 513.
 APSYRTUS, Roman veterinarian, XXIV. 197.
 APT, town, France, II. 215; XXIV. 114.
 APTENODYTES, genus of birds, XVIII. 491.
 APTERYX, genus of birds, XIV. 104; XVIII. 44.
 APTORNIS, genus of birds, XVI. 809.
 APUANI, Ligurian tribe, Italy, XIV. 640.
 APULEIUS, or Appuleius, Lucius, Latin romance writer, II. 215; XX. 636; XXI. 319; diction and style of, XIV. 338; his place in Roman literature, XX. 726.
 APULIA, district, Italy, II. 216; duchy of, XIII. 471.
 APULIANS, ancient Italian tribe, XIII. 445.
 APURE, river, Venezuela, II. 217.
 APURIMAC, river, Peru, II. 217.
 AQUA APPIA, AQUA CLAUDIA, etc., ancient Roman aqueducts, II. 220.
 AQUÆ SOLIS (Bath), Roman spa, England, III. 433, 437.
 AQUAFORTIS, or Nitric Acid, XVII. 518.
 AQUAMARINE, precious stone, III. 613; XVI. 418.
 — TOPAZ, XXIII. 446.
 AQUAMBO, country, West Africa, II. 217.
 AQUAPIM, country, West Africa, II. 217.
 AQUARIANS, early Christian sect, II. 217.
 AQUARIUM, II. 217.
 AQUATINT, etching, VIII. 444.
 AQUEDUCT, II. 219; IV. 284; XXIV. 408; at Lisbon, XIV. 692; of Trajan, at Segovia, XXI. 623.
 AQUICULTURE, fish-culture, XIX. 126.
 AQUILA, town, Italy, II. 230.
 —, translator of Old Testament, II. 230; Targum of, XXIII. 63.
 —, or Arno, archbishop of Salzburg, II. 625.
 —, genus of birds, VII. 590.
 —, Caspar, German theologian, II. 230.
 —, Serafino dell', Italian poet, II. 230.
 AQUILEIA, ancient town, Italy, II. 230; synod of (381), I. 662.
 AQUILINÆ, family of birds, VII. 589.
 AQUILLIUS, Manius, Roman consul, II. 231.
 AQUILONIA, Samnite town, Italy, XXI. 249.
 AQUINAS, Thomas, scholastic philosopher, II. 231; XVI. 710; XXI. 427; his ethical system, VIII. 594; on the idea of God, XXIII. 241; hymns by, XII. 584.
 AQUISGRANUM (Aix-la-Chapelle), ancient town, Rhenish Prussia, I. 432.
 AQUITAINE (Aquitania), acquired by England, VIII. 202; French conquest of, VIII. 321.
 AQUITANI, Gallic tribe, X. 111.
 AQUITANIA, division of Gaul, II. 233.
 AQUITANUS, Prosper, early Christian writer, XIX. 824.
 ARA, genus of birds, XV. 130.
 ARABESQUE, ornamentation, II. 233.
 ARABGIR, town, Turkey in Asia, II. 234.
 ARABIA, II. 235, 686; division of Asiatic Turkey, XXIII. 653; in time of Mohammed, XVI. 545; birds of, III. 758; coffee of, VI. 113; coins of, XVII. 650; Jews in, XIII. 687; language of, XXI. 650.
 — FELIX, XXIV. 738.
 ARABIAN ASTRONOMY, II. 751.
 ARABIAN HISTORIANS, Early, XXIII. 1.
 ARABIAN HORSES, XII. 182, 184.
 ARABIAN LIBRARIES, XIV. 514.
 ARABIAN MATHEMATICIANS, I. 512.
 ARABIAN MEDICINE, I. 805; XV. 805.
 ARABIAN NIGHTS' ENTERTAINMENTS, XXIII. 316; II. 263; French translation of, X. 37; Lane's translation, XIV. 282.
 ARABIAN PHILOSOPHY, II. 265; I. 501; XXI. 426.
 ARABIAN SEA, II. 270.
 ARABICI, Christian sect, II. 270.
 ARABIC LANGUAGE, X. 595; XVIII. 778; XXI. 650; dialects, II. 253; dictionaries, VII. 189; grammar, II. 253.
 ARABIC LITERATURE, II. 262; Hama-sah, XI. 402; histories, XXIII. 1; Koran, XVI. 597; Moallakat, XVI. 536; Thousand and One Nights, XXIII. 316.
 ARABIC NUMERALS, II. 525; XVII. 626.
 ARABISTAN, district, Persia, XIV. 68.
 ARABKIR, town, Turkey in Asia, II. 234.
 ARABONA (Raab), Roman station, Hungary, XX. 190.
 ARABS, origin of the race, II. 245; in Africa, I. 262; of Algeria, I. 564; their first intervention in Persia, XVIII. 610; their invasion of Spain, XXII. 309; religions of, XVI. 546; XX. 361.
 ARACAN (Arakan), division, British Burmah, II. 305.
 ARACARIS, bird, XXIII. 477.
 ARACATI, town, Brazil, II. 270.
 ARACHIS HYPOGÆA, ground nut, XI. 221.
 ARACHNIDA, class of animals, II. 271; in Lankester's classification, XXIV. 813; parasitic, XVIII. 259.
 ARACHNOID MEMBRANE, in human brain, I. 865.
 ARACHOSIA, Parthian satrapy, XVIII. 586, 592.
 ARACHOTUS, river, Asia, I. 229.
 ARACHTHUS (Arta), river, Albania, II. 640.
 ARAD, town, Hungary, II. 300.
 ARAFAT, mountain, Arabia, II. 300.
 ARAGO, François J. D., French physicist, II. 300.
 ARAGON, kingdom of, Spain, XXII. 312,

- 315, 317, 322, 326; its connexion with Naples, XVII. 191.
- ARAGON, province, Spain, II. 304; XXII. 298.
- ARAGONA, town, Sicily, II. 305.
- ARAGONESE DIALECT, XXII. 351.
- ARAGONITE, mineral, XVI. 398.
- ARAGUAYA, river, Brazil, II. 305; IV. 221.
- ARAHAL, town, Spain, II. 305.
- ARAHATSHIP, Buddhist doctrine, XIV. 226.
- ARAKAN, division, British Burmah, II. 305; IV. 556.
- ARAKCHEEFF, Russian minister, XXI. 101.
- ARAL, Sea or Lake of, Asia, II. 306; V. 177; XVIII. 104; XXII. 818; XXIII. 511, 512, 634.
- ARALIA PAPYRIFERA, rice paper, XX. 539.
- ARAM, Eugene, murderer, II. 306.
- ARAMÆANS, people of Syria, XXII. 822; XVI. 533; name applied to Nabateans, XVII. 160.
- ARAMAIC LANGUAGES, II. 307; XXI. 645, 647; their influence on Hebrew, XI. 597; inscriptions, XIII. 116.
- ARAM NAHARAYIM (Mesopotamia), XVI. 47.
- ARAMUS, genus of birds, XX. 223.
- ARANDA, Count of, Spanish statesman, II. 308; XXII. 341.
- ARANEIDEA, order of Arachnida, II. 290.
- ARAN ISLANDS, Ireland, II. 308.
- ARANJUEZ, town, Spain, II. 308.
- ARANMORE, island, Ireland, II. 308.
- ARANY, John, Hungarian poet, XII. 378.
- ARANYAKAS, Sanskrit treatises, XXI. 273.
- ARANZI, Julius Cæsar, Italian anatomist, I. 809; XXIV. 96.
- ARAPA, lake, Peru, XVIII. 673.
- ARAPAHOS, American Indian tribe, XII. 831.
- ARAR, timber tree, Morocco, XVI. 833.
- ARARAT, mountains, Armenia, II. 309; XVII. 523; XXIII. 514.
- ARARGE (Harar), town, North-East Africa, XI. 454.
- ARAS, river, Turkey in Asia, II. 309.
- ARATUS of Sicyon, ruler, II. 309.
- of Soli, Greek poet, II. 309.
- ARAUCAÑA, La, Spanish poem, VIII. 519.
- ARAUCANIA, territory, South America, II. 310.
- ARAUCANIAN PINE, in Chili, v. 623.
- ARAUCANIANS, South-American race, I. 701; v. 619; XII. 829.
- ARAUCHARIA, genus of trees, II. 310.
- ARAUCO, province, Chili, v. 617.
- ARAUUSIO (Orange), ancient town, France, XVII. 812.
- ARAVALLI HILLS, India, II. 310; XX. 260.
- ARAVIAS, Portuguese tales, XIX. 556.
- ARAWAN, oasis, Africa, XVII. 695.
- ARAXES (Aras), river, Transcaucasia, II. 309; XXIII. 514.
- ARBACES, founder of Median empire, II. 310.
- ARBAT (Rabat), town, Morocco, XX. 192.
- ARBELA (Arbil), ancient town, Asiatic Turkey, II. 311; battle of (331 B.C.), I. 482.
- ARBIL, town, Asiatic Turkey, II. 311.
- ARBITER, Petronius, Latin writer, XVIII. 720.
- ARBITRAGE, in stock-broking, II. 311.
- ARBITRATION, II. 311.
- ARBOGA, town, Sweden, II. 313.
- ARBOGAST, Frankish warrior, XX. 779; XXIV. 37.
- , L. F. A., his theorem, XIII. 20.
- ARBOIS, town, France, II. 313.
- ARBOR ACTIONUM, Azo's work, III. 169.
- ARBORICULTURE, II. 314.
- ARBOR VITÆ, coniferous tree, II. 313.
- ARBROATH, town, Scotland, II. 324.
- ARBUTHNOT, Alexander, early Scottish poet, XXI. 542.
- , John, English writer, II. 325; as satirist, XXI. 320.
- ARC, Circular, graduation of, XI. 28.
- , Joan of, XIII. 695; IX. 550.
- LIGHTS, electric, XIV. 632.
- OF THE MERIDIAN, measurement of, II. 792; VII. 597, 606; X. 189.
- ARCA, genus of Mollusca, XVI. 688.
- ARCACHON, Bay of, Gironde, France, x. 624.
- ARCADE, in architecture, II. 325.
- ARCADIA, country, ancient Greece, II. 326; coins of, XVII. 643.
- , Sannazaro's poem, XVIII. 345.
- , Sir Philip Sidney's poem, XVIII. 346; XX. 660; XXII. 35.
- , Academy of, I. 74; XIII. 511.
- ARCADIAN DIALECT, of Greek, XI. 133.
- ARCADIANS, Academy of, I. 74.
- ARCADIUS, emperor of the East, XX. 779, 780; XXIII. 259.
- ARCAGNUOLO, Italian painter and sculptor, XVII. 814.
- ARCANITE, mineral, XVI. 400.
- ARCESILAUS, Greek philosopher, II. 326; I. 69; XXI. 379.
- , Roman sculptor, II. 366.
- I.-IV., kings of Libya, III. 446.
- ARCH, in building, II. 327; in ancient American monuments, II. 450; in brickwork, IV. 464; in bridges, IV. 305; depressed and discharging, II. 463; in masonry, IV. 474; pointed, introduced into Europe, II. 422; at Rome, II. 414; XX. 809, 819, 830.
- ARCHÆAN ROCKS, x. 327.
- ARCHÆOCETI, fossil whales, xv. 395.
- ARCHÆOLOGY, II. 333; academies of, I. 76; American, I. 692; prehistoric, II. 115; Raphael's contributions to, XX. 282; archæological societies, XXII. 227.
- ARCHÆOLOGY, Classical, II. 343 (index, 368); Winckelmann's contributions to, XXIV. 597.
- ARCHÆOPTERYX, fossil bird, III. 728; XVIII. 34; XXI. 323.
- ARCHAGATHUS, Roman physician, xv. 802.
- ARCHANGEL, government and town, Russia, II. 368; XXI. 69.
- ARCHBISHOP, ecclesiastical dignitary, II. 369; place of, in British peerage, XVIII. 459.
- ARCHDEACON, ecclesiastical dignitary, II. 370; v. 228.
- ARCHDUKE, title, II. 370; XIX. 738.
- ARCHGONIA, sexual organs in plants, IV. 157; IX. 101, 105; XVII. 65.
- ARCHGONIATA, group of plants, XX. 426.
- ARCHELAUS, king of Cappadocia, v. 76.
- , king of Judæa, II. 371; XIII. 426.
- , king of Macedonia, II. 371; xv. 138.
- , Greek general, II. 371.
- , Greek philosopher, II. 371.
- , Greek sculptor, II. 371.
- ARCHENA, town, Spain, II. 370; mineral water of, XVI. 435; XVII. 51.
- ARCHENTEROM, cavity in animals, VIII. 746.
- ARCHER, Thomas, publisher of early English newspaper, XVII. 413.
- ARCHERINA BOLTONI, species of Protozoa, XIX. 840.
- ARCHERS, Royal Company of, in Scotland, II. 373.
- ARCHERY, II. 370; glossary of terms, II. 378.
- ARCHES, Court of, II. 378, 369.
- ARCHETYPAL MAN, of the Kabbalah, XIII. 811.
- ARCHIANNELIDA, subclass of worms, XXIV. 683.
- ARCHIDONA, town, Spain, II. 379.
- ARCHIL, purple dye, II. 379; XIV. 559.
- ARCHILOCHUS, Greek poet, II. 379; XXI. 318.
- ARCHIMANDRITE, title in Greek Church, II. 380; I. 11, 23; XVI. 700.
- ARCHIMEDES, mathematician and inventor, II. 380; XXII. 21, 817; his knowledge of conic sections, VI. 273; his geometrical discoveries, XIII. 5; on hydrostatics, XII. 435, 441; his planetarium, II. 749; on squaring the circle, XXII. 434.
- , Screw of, II. 381.
- ARCHIPELAGO, Grecian, II. 381.
- , Indian, XII. 815.
- ARCHIPRESBYTER, ecclesiastical dignitary, VII. 14.
- ARCHITECTURE, II. 382 (index, 458; glossary of terms, 459); as a fine art, IX. 204; relation of building to, IV. 447; use of the cross in, VI. 612; terracotta in, XXIII. 193; zodiacal symbolism in, XXIV. 796; of Babylonia, III.

- 189; in England, VIII. 280, 300, 310, 317, 326, 330; Etruscan, VIII. 637; Gothic, of Pugin, XX. 103; Greek, II. 346, 354, 359, 364; ancient Mexican, XVI. 214; Norman, XVII. 551; Phœnician, XVIII. 810; Pompeian, XIX. 449; Roman, II. 367; XX. 809; Venetian, XXIV. 148; Veronese, XXIV. 172; academies of, I. 78; works on, II. 457; Palladio's works on, XVIII. 187; Raphael's contributions to, XX. 281; Street's, XXII. 594; Vitruvius's work on, XXIV. 265; architectural societies, XXII. 226.
- ARCHITRAVE, in architecture, II. 459; IV. 492.
- ARCHIVES, II. 476; of Belgium, III. 521; English, XX. 310.
- ARCHUTE, musical instrument, XV. 71.
- ARCHON, Athenian magistrate, II. 476; XV. 217.
- ARCHYTAS, of Tarentum, philosopher, II. 477; his flying dove, I. 185.
- ARCIS-SUR-AUBE, town, France, II. 477.
- ARCOLA, Italy, Battle of (1796), XVII. 197.
- ARCOS DE LA FRONTERA, town, Spain, II. 477.
- ARCOSOLIUM, arched tomb, in the Catacombs, V. 209, 210.
- ARCOT, districts, India, II. 477.
- , town, India, II. 478; siege of (1751), VI. 9; XII. 800.
- ARCS, Circular, graduation of, XI. 28.
- ARCTIC CURRENT, III. 20.
- ARCTIC EXPLORATIONS, X. 190, 192; XIX. 315; Franklin's, IX. 721.
- ARCTIC OCEAN, II. 478; XIX. 315.
- ARCTIUM, genus of plants, XXIII. 307.
- ARCTOIDEA, section of Carnivora, XV. 439.
- ARCTOMYS, genus of rodent mammals, XV. 417, 418, 559.
- ARCTONYX, genus of carnivorous mammals, XV. 439.
- ARCUEIL, France, aqueduct at, II. 222.
- , Société d', X. 122.
- ARCULPH, French bishop, on the Holy Sepulchre, XXI. 672.
- ARCUS SENILIS, eye disease, XVII. 781.
- ARDABIL, town, Persia, II. 479; XVIII. 626.
- ARDAHAN, town, Transcaucasia, Russia, XXIII. 515.
- ARDAKAN, town, Persia, XVIII. 628.
- ARDASHIR I., king (Sasanian) of Persia, XVIII. 607.
- II., of Persia, XVIII. 610.
- III., of Persia, XVIII. 615.
- ARDATOFF, town, Russia, XXII. 77.
- ARDEA, ancient town, Italy, II. 479; XIV. 343.
- , genus of birds, XI. 760.
- ARDEBIL, town, Persia, II. 479.
- ARDÈCHE, department, France, II. 479; river, XX. 528.
- ARDELAN, province, Persia, II. 479.
- ARDEN, woodland division, Warwickshire, England, XXI. 738.
- , Mary, Shakespeare's mother, XXI. 745, 747, 765.
- ARDENNES, department, France, II. 479.
- ARDENNITE, mineral, XVI. 426.
- ARDERN, mountain, Ireland, XX. 170.
- ARDFERT, village, Ireland, II. 480; cathedral at, XIV. 52.
- ARDGLASS, town, Ireland, II. 480.
- ARDJARI, town, Transcaucasia, Russia, XXIII. 514.
- ARDMORE, Ireland, round tower and cathedral at, XXIV. 401.
- ARDOCH, parish, Scotland, II. 480; Roman remains at, XVIII. 667.
- ARDOIN, Lombard king, XIII. 469.
- ARDRES, town, France, II. 480.
- ARDROSSAN, town, Scotland, II. 480; III. 163.
- AREA, Mensuration of, XVI. 13.
- , Standards of, XXIV. 485.
- AREAS, parabolic and elliptic, projection of, XIX. 798.
- ARECA, genus of palms, III. 616; XVIII. 190.
- ARED, province, Arabia, II. 240, 254.
- AREKHA, Abba (Rab), Jewish scholar, XX. 190.
- ARELATE (Arles), ancient town, France, II. 543.
- AREM, Flood of, in Arabia, II. 255.
- AREMBERG, town, Prussia, II. 481.
- , Dukes of, II. 481.
- ARENA, in the amphitheatre, I. 775.
- ARENACEA, group of Foraminifera, IX. 375.
- ARENARIÆ, sandpits used as catacombs, V. 212.
- ARENAS GORDAS, district, Spain, XXII. 293.
- ARENDAL, town, Norway, II. 481.
- ARENDALITE, mineral, II. 481.
- ARENICOLA MARINA, lobworm, II. 71.
- ARENSBURG, town, Russia, XVII. 732.
- ARENSKRONE, town, Prussia, VII. 134.
- AREOPAGITICA, Greek writings, VII. 248.
- , Milton's work, XVI. 330.
- AREOPAGUS, hill, Athens, II. 481; XI. 97; XVIII. 531; XXII. 255.
- AREQUIPA, department and town, Peru, II. 484; XVIII. 674.
- ARES, Greek god (the Roman Mars), II. 484; XV. 569; festival of, at Papremis, XIX. 91; fountain of, at Thebes, XXIII. 230.
- ÅRESKUTAN, mountain, Sweden, XXII. 736.
- ARESON, Jon, Icelandic poet, II. 485.
- ARETÆUS, Greek physician, II. 485; I. 802; XV. 804.
- ARETHUSA, fountain, Syracuse, II. 485; XXII. 813.
- , ancient town, Macedonia, II. 486.
- , ancient town, Syria, II. 486.
- ARETIN, J. C. F. von, writer on mnemonics, XVI. 533.
- ARETINO, Pietro, Italian satirist, II. 486; XX. 609; XXIII. 414.
- ARETINUS, Guido, Italian musician, XI. 257; XVII. 80.
- AREZZO, town, Italy, II. 486; XXII. 41; altar in cathedral, XIX. 123; its school of painting, XXI. 436, 442; university, XXIII. 836.
- ARFVEDSONITE, mineral, XVI. 418.
- ARGÆUS, mountain, Asia Minor, II. 705; V. 75; XXIII. 654.
- ARGALI, kind of sheep, XXI. 785.
- ARGAM, village, India, II. 486.
- ARGAN, tree and fruit, Morocco, XVI. 833.
- ARGAND, Aimé, his burner for lamps, X. 98; XIV. 245; his anticipation of quaternions, XX. 161.
- ARGAUM (Argam), village, India, II. 486.
- ARGELANDER, Friedrich W. A., German astronomer, II. 486.
- ARGELÈS, town, France, XX. 127.
- ARGENIS, Barclay's romance, III. 369.
- ARGENS, river, France, XXIV. 68.
- ARGENSOLA, Bartolomeo Leonardo, Spanish poet, II. 487.
- , Lupercio Leonardo, Spanish dramatist, II. 486; XXII. 356.
- ARGENTAN, town, France, II. 487; XVIII. 2; lace of, XIV. 186.
- ARGENTEUIL, town, France, II. 487; XXI. 625.
- ARGENTIERA (Cimolos), island, Ægean Sea, XV. 841.
- ARGENTINA, genus of Salmonidæ, XXI. 221, 224.
- ARGENTINE REPUBLIC, II. 487; I. 712; debt, XVII. 247; libraries, XIV. 536, 551; newspapers, XVII. 437; observatory at Cordova, XVII. 716.
- ARGENTITE, mineral, XVI. 392.
- ARGENTORATUM (Strasburg), Roman station, Germany, XXII. 589.
- ARGHAND-AB, river, Afghanistan, I. 229.
- ARGHOUL, musical instrument, XVII. 707.
- ARGIOPE, genus of Brachiopoda, XIX. 441.
- ARGIPPÆI, ancient nomadic race, XXI. 575.
- ARGIVE CHIEFS, their expedition against Thebes, VIII. 477.
- ARGO, Voyage of the, II. 496.
- ARGOL, crude tartar, II. 496; VI. 556; XXIV. 602.
- ARGONAUTA, genus of Mollusca, VI. 739; XVI. 675.
- ARGONAUTICA, epic by Flaccus, IX. 275.
- , epic by Varro, XXIV. 94.
- ARGONAUTS, of Greek legend, II. 496; XV. 776; XXIII. 280; in Lemnos, XIV. 436.

ARGONNE, plateau, France, II. 497.
 ARGOS, ancient town, Greece, II. 497;
 XI. 93; its school of sculpture, II.
 350.
 ARGOSTOLI, town, Cephalonia, Greece,
 II. 497; v. 344.
 ARGOSY, ship, named from Ragusa, XII.
 710; XX. 221.
 —, magazine, XXIV. 644.
 ARGOVIE (Aargau), Swiss canton, I. 3.
 ARGUIN, island, West Africa, II. 497.
 ARGUN, river, Siberia, I. 746; XXIII.
 510.
 ARGUS, in Greek legend, II. 498.
 ARGUSA (Ragusa), ancient town, Dal-
 matia, XX. 221.
 ARGYLL, Earls and dukes of, II. 498;
 eighth earl, XXI. 515; ninth earl, XXI.
 517.
 ARGYLLSHIRE, county, Scotland, II.
 499; area and population, XXI. 528;
 representation, XXIII. 727; its herring
 fishery, IX. 260.
 ARGYRO-CASTRO, town, Albania, II.
 501.
 ARGYROPULUS, John, learned Greek, II.
 501.
 ARI, Icelandic historian, XII. 624.
 ARIA, Parthian satrapy, XVIII. 586,
 592.
 ARIADNE, in Greek mythology, II. 501.
 — FLORENTINA, Ruskin's work, VIII.
 445.
 ARIALDUS, leader of the Patavine sect,
 XVIII. 354.
 ARIANISM, system of doctrine, II. 537;
 XIII. 671.
 ARIANO, town, Italy, II. 501.
 ARIARATHES I.-IX., kings of Cappa-
 docia, v. 75, 76.
 ARIAS MONTANUS, Benedictus, Oriental
 scholar, II. 501.
 ARIBAU, B. Carlos, Spanish writer, XXII.
 364.
 ARICA, town, South America, II. 501;
 XVIII. 674, 679.
 ARIÉGE, department, France, II. 502.
 ARIKAREES, American Indian tribe, XII.
 832.
 ARIMANES (Ahriman, *q.v.*), Zoroastrian
 principle of evil, I. 424.
 ARIMASPIANS, ancient race, Scythia,
 XXI. 577.
 ARIOBARZANES I., II., kings of Cappa-
 docia, v. 76.
 —, Persian general, XVIII. 559.
 —, Persian satrap, XVIII. 579.
 —, king of Pontus, XIX. 459.
 ARION, Greek poet, II. 502.
 ARIOSTO, Lodovico, Italian poet, II. 502;
 VII. 418; XIII. 509; his place in the
 Renaissance, XX. 385.
 ARIOVISTUS, German leader, x. 474.
 ARISBAYA, town, Madura, Indian Archi-
 pelago, xv. 193.
 ARISTENETUS, Greek letter-writer, XX.
 636.

ARISTÆUS, in Greek legend, II. 504.
 ARISTAGORAS, lord of Miletus, XI. 98;
 XVIII. 570.
 ARISTANDER, Greek soothsayer, II. 504.
 ARISTARCHUS of Samos, astronomer, II.
 504, 748.
 — of Samothrace, grammarian, II.
 504; XI. 43, 143; XII. 115.
 ARISTEAS, mythical poet, II. 504.
 ARISTIDES, Athenian general, II. 504;
 XI. 99; rival of Themistocles, XXIII.
 250.
 — of Thebes, Greek painter, II. 506.
 —, Ælius, Greek rhetorician, II. 505.
 —, Quintilianus, writer on music, II.
 506.
 ARISTILLUS, Alexandrian astronomer,
 II. 748.
 ARISTIPPUS, Greek philosopher, II. 506;
 his ethical system, VIII. 578; founder
 of the Cyrenaic school, VI. 750.
 ARISTO of Chios, Stoic philosopher, II.
 507.
 ARISTOBULUS I., II., princes of Judæa,
 XIII. 423, 424.
 —, Peripatetic philosopher, II. 507; I.
 500.
 — of Cassandria, general of Alexander
 the Great, II. 507.
 ARISTOCLES, alleged name of Plato, XIX.
 194.
 ARISTOCRACY, XVII. 524; XVIII. 458;
 government by, XI. 11; Roman, of the
 Middle Ages, XX. 782, 787, 792, 806.
 ARISTOCRATES, Demosthenes's oration
 against, VII. 69.
 ARISTOLOCHIA, genus of plants, XI. 228.
 ARISTOPHANES, Greek dramatist, II.
 507; VII. 407; XI. 140; as satirist,
 XXI. 318.
 — of Byzantium, Alexandrian critic,
 II. 510.
 ARISTOTELIANISM, or Aristotelian Philo-
 sophy, its different epochs, II. 523;
 Abelard's resuscitation of, I. 35;
 Ramus's opposition to, XX. 268; re-
 lation of, to scholasticism, XXI. 417,
 426; Trendelenburg's revival of, XXIII.
 542.
 ARISTOTLE, II. 510; XVIII. 545; tutor of
 Alexander the Great, I. 480; founder
 of the Peripatetics, XVIII. 545; his in-
 fluence on Greek literature, XI. 142;
 his relations with Theophrastus, XXIII.
 277; on analogy, I. 791; his Analytics,
 I. 793; founder of comparative ana-
 tomy, I. 800; his classification of
 animals, XXIV. 804; his influence on
 Arabian philosophy, II. 266; on associ-
 ation of ideas, II. 730; on astronomy,
 II. 747; on axioms, III. 158; on the
 beautiful, I. 215; on birds, XVIII. 2;
 on the categories, v. 222; his economic
 theories, XIX. 349; his ethics, VIII. 581;
 on evolution, VIII. 757; on fishes, XII.
 630; his logic, XIV. 784; on medicine,
 xv. 801; his metaphysic, XVI. 79; on

the mysteries, XVII. 126; on physio-
 gnomy, XIX. 3; on reptiles, XX. 432;
 his rhetoric, XX. 510; on slavery, XXII.
 131; on the Tethyus, one of the Tuni-
 cata, XXIII. 609; commentaries on, by
 Albertus Magnus, I. 454; by Alex-
 ander of Aphrodisias, I. 486; edition
 of his works by Brandis, IV. 215; trans-
 lations of his works by Boetius, III.
 856.
 ARISTOXENUS, Greek writer on music
 and philosopher, II. 524; XVII. 78;
 XVIII. 545.
 ARITHMETIC, II. 524; Cardan's work on,
 v. 90; contributions to, by Leonardo
 of Pisa, XIX. 125; by Napier, XVII.
 184; by the Pythagoreans, XX. 140;
 tables of, XXIII. 7.
 — SERIES, XXI. 678.
 ARITHMOLOGY, theory of numbers,
 XVII. 614.
 ARIUS, theologian of Alexandria, II. 537;
 at council of Nicæa, vi. 560.
 —, genus of fishes, XXII. 68.
 ARIZONA, Territory, U.S.A., II. 538;
 XXIII. 802.
 ARJUN MAL, Sikh ruler, India, XX.
 110.
 ARK, of Noah, II. 539; VII. 55.
 —, of the Covenant, II. 539; XIII. 398.
 ARKANSAS, State, U.S.A., II. 539; XXIII.
 802; river, II. 540; XVI. 518.
 ARKANSITE, mineral, XVI. 387.
 ARKLET, Loch, Scotland, XXII. 553.
 ARKLOW, town, Ireland, II. 540; XXIV.
 557.
 ARKSUTITE, mineral, XVI. 384.
 ARKWRIGHT, Sir Richard, English in-
 ventor, II. 540; VI. 490; XVII. 600.
 ARLBERG TUNNEL, Alps, XXIII. 624.
 ARLECCHINO (Harlequin), of the panto-
 mime, XVIII. 215.
 ARLES, town, France, II. 543.
 ARLINGTON, Earl of, English statesman,
 III. 573.
 ARLON, town, Belgium, II. 543.
 ARLOTTI, Jacopo, captain of the people,
 Rome, XX. 798.
 ARM, Human, anatomy of, I. 827, 839.
 ARMADA, Spanish, II. 543; XVIII. 745;
 XXII. 329.
 ARMADILLO, family of Edentata, II. 544;
 xv. 358, 386; skeleton of, XXII. 108.
 ARMAGH, county, Ireland, II. 545;
 population and representation, XXIII.
 727.
 —, town, Ireland, II. 546; library,
 XIV. 524; observatory, XVII. 710.
 —, Archbishop of, II. 370.
 —, Book of, Irish MS., XVIII. 158,
 412.
 ARMAGNAC, district, France, II. 546.
 ARMAGNACS, party, in France, v. 410;
 IX. 548; their struggles in Paris,
 XVIII. 290.
 ARMATOLI, special constables in Greece,
 XI. 124.

- ARMATURE, Electric, Siemens's, XXII. 38.
 ARMED NEUTRALITY, The (1780), IX. 594.
 ARMENIA, country, Western Asia, II. 546; XVIII. 595; XXIII. 653.
 —, History of, by Moses of Chorene, XVI. 861.
 —, Russian, Transcaucasia, XXIII. 513.
 ARMENIAN CHURCH, The, II. 548; XX. 631; primate's seat at Etchmiadzin, VIII. 566.
 ARMENIAN LANGUAGE, II. 549; XVIII. 784; dictionaries of, VII. 190.
 ARMENIAN LITERATURE, II. 550.
 ARMENIANS, connected with Church of Rome, XX. 631.
 —, Era of the, V. 716.
 ARMENIAN VERSION, of the Bible, II. 550.
 ARMENT, village, Egypt, VII. 782.
 ARMENTA, Franciscan missionary, Paraguay, XVIII. 245.
 ARMENTIÈRES, town, France, II. 551; XVII. 535.
 ARMET, variety of helmet, XI. 637.
 ARMFELT, Count, Swedish general, II. 551.
 ARMIJO, Manuel, governor of New Mexico, XVII. 402.
 ARMILLARY SPHERES, Invention of, II. 748.
 ARMILLUS, the Jewish anti-Messiah, II. 126.
 ARMINIANISM, system of doctrine, II. 552.
 ARMINIUS, German chief, X. 475.
 —, James, Dutch theologian, II. 551; XII. 78.
 ARMISTICE, in war, II. 552.
 ARMISTICIO, territory, Venezuela, XXIV. 140.
 ARMLET, bracelet, IV. 187.
 ARMORIAL BEARINGS, XI. 683.
 ARMORICA, district, France, II. 553.
 ARMORIC LANGUAGE AND LITERATURE, V. 298, 324; dictionaries of, VII. 188.
 ARMOUR, II. 553.
 ARMOUR-PLATED SHIPS, XVII. 285; XXI. 822.
 ARMOUR-PLATING, of sea fortresses, IX. 451.
 ARMS, of the British army, II. 588; early Irish, XIII. 254; small, XI. 278.
 —, Coats of, XI. 683, 688.
 — AND ARMOUR, II. 553.
 ARMSTRONG, Archie, jester, IX. 366.
 —, John, English writer, II. 558.
 — GUN, XI. 290, 307.
 ARMY, II. 559; employment of, in war, XXIV. 343; official precedence in British, XIX. 667; Austrian, III. 123; British, VIII. 244; European armies, VIII. 705; French, IX. 516; German, X. 467; Indian (British), XII. 774; Italian, XIII. 458; Persian, XVIII. 628; ancient Roman, XX. 734, 746, 759; Russian, XXI. 72; Spanish, XXII. 203; Turkish, XXIII. 655; United States, XXIII. 828; barracks, III. 391; courts martial, VI. 517; dietary, VII. 212; savings banks, XXI. 330; transport corps, XXIV. 295; military societies, XXII. 227.
 ARMY ACT, English (1881), XVI. 296.
 ARNA, wild buffalo, IV. 442.
 ARNAOUTS (Albanians), Greece, XI. 83.
 ARNAUD, Henri, Waldensian leader, II. 620; XXIV. 325.
 — DE VILLA NOVA, alchemist, II. 620.
 ARNAULD, Angélique, abbess of Port Royal, II. 620.
 —, Antoine, French theologian, II. 620; XVIII. 335; XXII. 82; his connexion with Jansenism, XIII. 566.
 —, Jacqueline Marie, abbess of Port Royal, II. 621; XIX. 533.
 ARNAUT DANIEL, Provençal poet, XIX. 874.
 ARNDT, Ernst Moritz, German writer, II. 622; X. 543.
 —, John, German Protestant theologian, II. 622; X. 529; XIX. 83.
 ARNE, Thomas Augustine, musical composer, II. 623.
 ARNHEIM, town, Netherlands, II. 623.
 —, Johan Georg, Baron von, German general, II. 624.
 ARNHEN (Arnhem), town, Netherlands, II. 623.
 — LAND, Australia, III. 107.
 ARNICA, genus of plants, II. 623.
 ARNIM, Bettina von, German authoress, II. 624.
 —, Johan Georg, Baron von, German general, II. 624.
 —, Karl Otto Ludwig von, German writer of travels, II. 624.
 —, Ludwig Achim von, German poet and novelist, II. 624.
 ARNI MAGNUSSON, Icelandic writer, XII. 626; XV. 284.
 ARNIS, Greek festival, XIV. 678.
 ARNISEUS, Henningus, German physician, II. 624.
 ARNO, river, Italy, II. 624; XIII. 438.
 —, archbishop of Salzburg, II. 625.
 ARNOBIUS, the Elder, Christian writer, II. 625.
 —, the Younger, Biblical commentator, II. 625.
 ARNOLD, town, England, XVII. 598.
 —, German hymn-writer, XII. 587.
 — of Brescia, forerunner of the Reformation, II. 625; XIII. 472; XX. 792.
 —, Benedict, American adventurer, XXIII. 744, 787.
 —, Samuel, musical composer, II. 626.
 —, Thomas, headmaster of Rugby school, England, II. 626.
 — DE TORROGE, grand-master of Knights Templars, XXIII. 161.
 ARNOLDUS DE VILLA NOVA, alchemist, II. 620.
 ARNOTT, Neil, physicist, II. 627.
 ARNOTTO, vegetable dye, II. 627.
 ARNSBERG, town, Westphalia, II. 628; XXIV. 517.
 ARNSTADT, town, Germany, II. 628; XXI. 461.
 ARNULF, king of Germany, X. 481.
 —, archbishop of Rheims, XXII. 75.
 ARNUS (Arno), river, Italy, II. 624.
 AROK-SZALLAS, town, Hungary, II. 628.
 AROlsen, town, Waldeck, Germany, XXIV. 321.
 ARON, river, France, XVII. 495.
 ARONA, town, Italy, II. 628.
 AROUET, François Marie, real name of Voltaire, I. 791; XXIV. 285.
 ARPAD, Hungarian dynasty, XII. 367.
 ARPINO, town, Italy, II. 628.
 ARPOXAIS, Scythian legendary hero, XXI. 576.
 ARQUA, town, Italy, II. 628.
 ARQUERITE, mineral, XVI. 382.
 ARQUES, town, France, II. 628; forest, XXI. 626.
 ARRABBIATI, Florentine faction, XXI. 336.
 ARRACHEL, Arabian mathematician, XXIII. 562.
 ARRACK, spirituous liquor, II. 628; VI. 103; distillation of, VII. 264.
 ARRAH, town, India, XXI. 735.
 ARRAIGNMENT, in law, II. 628.
 ARRAN, island, Scotland, II. 628.
 —, Earl of, regent of Scotland, XXI. 499.
 ARRAS, town, France, II. 629; XVIII. 339; tapestry of, XXIII. 212; treaty of (1435), IX. 550.
 ARREBO, Anders, Danish poet, VII. 90.
 ARREST, in law, II. 629; without warrant, XXIV. 371.
 ARRESTMENT, in Scots law, II. 630.
 ARREST OF JUDGMENT, II. 630.
 ARRETUM (Arezzo), ancient town, Italy, II. 486; VIII. 635.
 ARRETOPHORIA, Greek festive ceremony, XXIII. 296.
 ARRIA, wife of Cæcina Pætus, II. 630.
 ARRIAN, Greek historian, II. 630.
 ARRIGAL, mountain, Ireland, VII. 361.
 ARRIUS DIOMEDES, Villa of, Pompeii, XIX. 450.
 AR-RIVASHI, Arabian historian, XXIII. 3.
 ARROE, island, Denmark, I. 184.
 ARRONDISSEMENT, administrative division, France, IX. 509.
 ARROW, Lough, Ireland, XXII. 159.
 — POISONS, XXII. 608.
 ARROWROOT, II. 631; Brazilian, V. 182; in Polynesia, XIX. 419.
 ARROWS, manufacture of, II. 376.
 ARROWSMITH, family of geographers, II. 632.
 ARROYO, river, Cochin-China, XXI. 152.
 ARSACES I., king of Parthia, XV. 143; XVIII. 587.
 — II., of Parthia, XVIII. 589.

- ARSACIDÆ, dynasty of Parthian kings, II. 632; XVIII. 587, 605.
- ARSACIDS, in Armenia, II. 547.
- ARSAMASS, town, Russia, II. 632; XVII. 501.
- ARS AMATORIA, Ovid's poem, XVIII. 79.
- ARSENAL, II. 632; of ancient Venice, XXIV. 143, 155.
- ARSENATE OF NICKEL, mineral, XVI. 404.
- ARSENIC, chemical element, II. 634; v. 539; XVI. 380; as poison, XIX. 277.
- ARSENIDES, as impurities of ores, XVI. 61.
- , Methyl, XVI. 197.
- ARSENOSIDERITE, mineral, XVI. 406.
- ARSENOLITE, mineral, XVI. 388.
- ARSES, king of Persia, XVIII. 581.
- ARSICAS (Artaxerxes II.), king of Persia, XVIII. 576.
- ARSINOE, wife of Lysimachus, XV. 120.
- , ancient town, Egypt, XXII. 620.
- , Spring of, Greece, XVI. 52.
- ARSISSA PALUS (Lake Van), Asia Minor, XXIV. 53.
- ARSON, in law, II. 635; in relation to insurance, XIII. 167.
- ART, II. 636; beginnings of, VIII. 622; illustrated by coins, XVII. 629, 633; copyright in works of, VI. 360; functions of, I. 213; Etruscan, VIII. 637, 639; early Greek, II. 345; Japanese, XIII. 588; poetical, XIX. 258; in the Renaissance, XX. 385, 390; Schopenhauer on, XXI. 451.
- ARTA, town, Albania, II. 639; river, II. 640.
- , Gulf of, Ionian Sea, II. 640.
- ARTABA, Egyptian measure, XXIV. 485.
- ARTABANUS I., king of Parthia, XVIII. 594.
- II., of Parthia, XVIII. 595.
- III., of Parthia, XVIII. 600.
- IV., of Parthia, XVIII. 605.
- , murderer of Xerxes I., XVIII. 573.
- ARTABAZUS, Persian satrap, negotiates with Pausanias, XVIII. 573.
- , Persian satrap, his revolt under Artaxerxes, XVIII. 580.
- ARTAMUS, genus of birds, XXII. 730.
- ART AND PART, in Scots law, II. 639.
- ARTAPHERNES, Persian general, XVIII. 571.
- ARTAXERXES, kings of Persia, II. 640; tombs of, XVIII. 558.
- I., Longimanus, XVIII. 573.
- II., Mnemon, VI. 753; XVIII. 576.
- III., Ochus, XVIII. 580; his conquest of Egypt, VII. 744.
- IV., Bessus, XVIII. 582.
- ARTEDI, Peter, Swedish naturalist, II. 642; XII. 632; XIV. 672.
- ARTELS, Russian co-operative societies, XXI. 84.
- ARTEMIDORUS, of Ephesus, writer on dreams, II. 642.
- ARTEMIS, Greek goddess (the Roman Diana), II. 643; VII. 167; XVII. 154; festival of, at Bubastis, XIX. 90; myths of, XVII. 135; her relation to Hecate, XI. 609; to Latona, XIV. 345; temple of, at Ephesus, VIII. 468; at Magnesia, XV. 217.
- ARTEMISIA, queen of Halicarnassus, II. 644; XI. 383.
- , wife of Mausolus, king of Caria, II. 644.
- ARTEMUS WARD (Charles Farrar Browne), American humorist, IV. 389; I. 727.
- ARTERIES, blood-vessels, XXIV. 103, 106; anatomy of, I. 902; in reptiles, XX. 459.
- ARTESIAN WELLS, II. 644; X. 269.
- ARTEVELDE, Jacob van, Flemish popular leader, II. 646.
- , Philip van, popular leader, II. 647.
- , Philip van, Sir Henry Taylor's poem, XXIII. 93.
- ARTHÉNICE (Marquise de Rambouillet), XX. 264.
- ARTHRITIS, Rheumatoid, disease, XX. 518.
- ARTHROBACTERIACEÆ, family of Schizomycetes, XXI. 405.
- ARTHROPODA, group of animals, II. 647; XIII. 141; XVII. 115; in Lankester's classification, XXIV. 813; embryology of, XX. 419; histology of, XII. 7; reproduction of, XX. 409; skeletal structure of, XXII. 106; their touch-organs, XXIII. 478.
- ARTHROSPORÆ, group of Schizomycetes, XXI. 405.
- ARTHUR, early British king and hero of romance, II. 649; VIII. 271; romances and legends of, v. 322; VIII. 309, 407; IX. 639; X. 172; XX. 642, 647, 649; his connexion with Caerleon, IV. 632.
- of Brittany, nephew of John, king of England, VIII. 306; IX. 541; XIII. 713.
- , Chester Alan, president of the United States, XXIII. 787.
- ARTHUS DE BRETAGNE, romance of, XX. 648.
- ARTIBEUS PLANIROSTRIS, species of bat, XXIV. 52.
- ARTICHOKE, vegetable, II. 653; XII. 278.
- , Jerusalem, vegetable, I. 369; XII. 283.
- ARTICLES, The Thirty-Nine, of the Church of England, II. 653; VIII. 338, 377, 379.
- OF WAR, English, VI. 517; XVI. 296.
- ARTICULATA, division of animals, II. 654, 271; VI. 633; XIII. 141.
- ARTICULATION, or Joint, in anatomy, I. 832.
- , of sounds, in teaching deaf-mutes, VII. 8; loss of the function in aphasia, II. 171.
- ARTIFICIAL FLOWERS, IX. 348.
- ARTIFICIAL TEETH, VII. 99.
- ARTILLERY, II. 655, 557; field, XI. 313; marine, XV. 545; penetrating power of, IX. 428, 448, 450; royal regiment of, in British army, II. 578; tactical management of, XXIV. 359.
- ARTIODACTYLA, suborder of ungulate mammals, XV. 429.
- ARTISAN LABOUR, XIV. 166.
- ARTIST, Aims of the, IX. 197.
- ARTISTS, Greek and Roman, II. 368.
- ARTOIS, ancient province, France, II. 670.
- , Count of (Charles X. of France), v. 412.
- , House of, its connexion with Capet family, v. 55.
- ART POÉTIQUE, of Boileau, III. 863.
- ARTS, Faculty of, in universities, XXIII. 833.
- , The Fine, IX. 194.
- ARTUS (Arthur), British hero, II. 649.
- ARTUSI, Giovanni Battista, Italian musician, XVII. 87.
- ARTVIN, town, Transcaucasia, Russia, XXIII. 514.
- ARUBA, island, West Indies, XXIV. 510.
- ARU ISLANDS, Moluccas, II. 670; XII. 815.
- ARUKH, Talmudic lexicon, XXIII. 37.
- ARUN, river, Sussex, England, XXII. 723.
- ARUN-BARUN BASIN, Tibet, XXIII. 341.
- ARUNDEL, town, England, II. 670; XXII. 724.
- , Thomas, archbishop of Canterbury, II. 670; his Constitutiones against heresy, XIV. 812.
- MSS. AND LIBRARY, XXI. 38; music in, XVII. 83.
- ARUNDELIAN MARBLES, II. 671; Parian Chronicle in, XVIII. 273.
- ARUNDO, ancient writing implement, XVIII. 483.
- ARUSHA (Eros), in Vedic mythology, VIII. 527.
- ARUWIMI, affluent of the Congo, Africa, XXIV. 764.
- ARVAL BROTHERS, priesthood, ancient Rome, II. 671.
- ARVE, river, France and Switzerland, II. 672; XX. 527; XXI. 332.
- ARVICOLA, genus of rodent mammals, XV. 419; XXIV. 277.
- ARWADH, Syriac writer, XXII. 828.
- ARYABHATA, Indian astronomer, I. 517; XXIII. 561.
- ARYAN LANGUAGES, II. 672; XVIII. 771, 778, 781; in Europe, VIII. 699, forms of grammar in, XI. 39.
- ARYAN RACES, II. 674, 697, 698; in India, XII. 779; native home of, XVIII. 102; their cosmogony, VI. 447; early worship, IV. 202.

- ARYBALLUS, ancient Greek vase, XIX. 614.
- ARZAMAS, town, Russia, II. 632; XVII. 501.
- ARZANENE, ancient district, Asia, XIV. 159.
- ARZEN-REDHWAN, affluent of the Tigris, XXIII. 387.
- AS, ancient Roman coin and weight, II. 675; XVII. 652.
- ASADI, Ali b. Ahmad al, Persian writer, XVIII. 656.
- ASAFI, town, Morocco, XXI. 145.
- ASAFETIDA, gum resin, II. 675; I. 232, 742.
- ASAMA-YAMA, volcano, Japan, XIII. 571.
- ASAMONÆUS, or Asmoneus, ancestor of the Maccabees, II. 714; XV. 131.
- ASANGA, Buddhist teacher, XIV. 228.
- ASASEEF, or Asasif, Egypt, tombs at, VII. 781.
- ASBEN, oasis, Central Africa, I. 429; XVII. 695; mountain, XXI. 149.
- ASBESTOS, mineral, II. 675; XV. 217; XVI. 417; as fire-proof paint, XIX. 88.
- ASBJÖRNSSEN, Peter Christen, Norwegian writer on folk-lore, XVII. 592.
- ASBURY, Francis, American Methodist, XVI. 191.
- PARK, town, New Jersey, U.S.A., XVII. 397.
- ASBUZI, town, Asia Minor, XV. 320.
- ASCALON, town of the Philistines, II. 676; XVIII. 755.
- ASCANIAN LINE, rulers of Brandenburg, XX. 2.
- ASCANIUS, son of Æneas, I. 182.
- ASCARIS, genus of nematode worms, XVII. 325; parasitic forms, XXIV. 205, 206; spermatozoon of, XX. 411.
- ASCENSION, island, Atlantic Ocean, II. 676; I. 272.
- , Right, in astronomy, II. 765; VI. 182.
- DAY, church festival, II. 676; IX. 116.
- OF MOSES, apocalyptic book, II. 177.
- ASCENSIVS (Badius), Belgian printer, III. 228.
- ASCETICISM, II. 676; XV. 484; Brahmanist, IV. 205; Buddhist, IV. 435; of the Essenes, VIII. 550; of Schopenhauer, XXI. 452; in relation to mysticism, XVII. 131.
- ASCETICS, Early Christian, XVI. 699.
- ASCETIC WRITERS, of Italy, XIII. 505.
- ASCETTA PRIMORDIALIS, sponge, XXII. 412.
- ASCH, town, Bohemia, II. 677.
- ASCHAFFENBURG, town, Bavaria, II. 677.
- ASCHAM, Roger, English scholar, II. 677.
- ASCHE, Rabbi (Rab Ashe), editor of Talmud, II. 679; XX. 190; XXIII. 37.
- ASCHERSLEBEN, town, Prussia, II. 679; XXI. 360.
- ASCHMEDAI (Asmodeus, *q.v.*), evil demon, in Jewish legend, II. 714.
- ASCIDIA, genus of Tunicata, early stages of, XXIII. 613; XXIV. 170; development of, XXIII. 610, 613.
- ASCIDIACEA, order of Tunicata, XXIII. 616.
- ASCIDIANS, Simple and Compound, XXIII. 609.
- ASCLEPIADES of Prusa, Greek physician, II. 679; XV. 802.
- ASCLEPIADS, descendants of Æsculapius, II. 511; XV. 800.
- ASCLEPIUS, Greek god of medicine (the Roman Æsculapius), XV. 799; worship of, at Pergamum, XVIII. 527.
- ASCOLI, town, Italy, II. 679.
- , Girolamo de (Pope Nicholas IV.), XVII. 484.
- ASCOMYCETES, order of Fungi, IX. 833; XIV. 552, 556; XXIV. 127; reproduction of, XX. 426.
- ASCON, type of sponges, XXII. 413.
- ASCONIUS PEDIANUS, Quintus, Roman writer, II. 679.
- ASCOPODARIA, genus of Polyzoa, XIX. 438.
- ASCOT RACES, England, XII. 202.
- ASCUE, Anne, English martyr, II. 713.
- ASCULUM PICENUM (Ascoli), ancient Roman city, II. 679.
- ASCUTNEY, mountain, Vermont, U.S.A., XXIII. 792.
- ASELLI, or Asellius, Gasparo, Italian physician, II. 679; I. 811.
- ASELLUS, genus of Crustacea, VI. 646.
- ASEXUAL REPRODUCTION, in animals, XX. 407; vegetable, XX. 424.
- ASGAR, plateau, Sahara, Africa, XXI. 149.
- ASGARD, in Norse mythology, II. 679.
- ASGILL, John, English writer, II. 680.
- ASH, tree, II. 680, 317; weeping, II. 320; in United States, XXIII. 808; strength of wood, XXII. 603.
- , product of combustion, VI. 47; XIX. 49; volcanic, X. 242.
- ASHA, Arabic poet, XVI. 537.
- ASHANTEE, country, West Africa, II. 681; I. 269; forests of, IX. 408.
- ASHARISM, philosophic theology of Islam, XVI. 593.
- ASHBURTON, town, England, II. 682.
- , Lord, English lawyer, VII. 544.
- ASHBY CASTLE, Northampton, England, XVII. 557.
- ASHBY-DE-LA-ZOUCH, town, England, II. 682.
- ASHDOD (Azotus), town, Palestine, III. 172; XVIII. 755; language of, XXI. 645.
- ASHE (Asche), Rabbi, editor of Talmud, II. 679; XX. 190; XXIII. 37.
- A-SHE-HOH (Ajeho), town, Manchuria, I. 433; XV. 466.
- ASHER, Rabbenu (Rosh), German rabbi, XX. 852.
- ASHERA, or Asherah ("grove"), Canaanitic goddess or symbol, III. 175; XVIII. 803.
- ASHFORD, town, England, II. 682.
- ASHIK PASHA, Ottoman poet, XXIII. 656.
- ASHKENAZIM, division of the Jews, XIII. 683.
- ASHLAR, in building, II. 460; IV. 471.
- ASHLEY, Lord (first earl of Shaftesbury), XXI. 728.
- ASHMOLEAN MUSEUM, Oxford, XVIII. 95.
- ASHREF, town, Persia, VIII. 543.
- ASHTARKHANIDES, dynasty, Bokhara, IV. 3.
- ASHTAROTH, plural of Ashtoreth, III. 176.
- ASHTON, John, English Lollard, XIV. 811.
- ASHTON-UNDER-LYNE, town, England, II. 682.
- ASHTORETH, or Astarte (*q.v.*), Phœnician goddess, II. 735; III. 176; XVIII. 756; festival of, at Aplaca, XIX. 91.
- ASHWANIP, river, Labrador, XIV. 175.
- ASH-WEDNESDAY, II. 680.
- ASIA, II. 683 (index, 702); coalfields of, VI. 58; distribution of fauna of, VII. 269, 271; distribution of flora, VII. 287; forests, IX. 404; gold, X. 743; languages, XVIII. 779; dictionaries of languages, VII. 192; in Ptolemy's geography, XX. 95.
- , Central, explorations in, X. 194; XXIII. 338.
- MINOR, II. 703 (index, 713), 656; coins of, XVII. 644; conquest of, by Alexander, I. 481; effects of Macedonian conquest on, XV. 143; under the Seljuks, XXI. 636; modern Turkish provinces of, XXIII. 653.
- ASIATIC TURKEY, XXIII. 653.
- ASIDÆANS (Assideans), Jewish party, II. 729; XIII. 421, 422.
- ASIDO (Jerez or Medina Sidonia), ancient Roman town, Spain, XIII. 629; XV. 819.
- ASIENTO, clause in treaty of Utrecht (1713), XXIII. 734.
- D'AMBATO, town, Ecuador, I. 659.
- ASIO, genus of birds, XVIII. 90.
- ASIOOT (Siut, Asyoot), town, Upper Egypt, XXII. 103; VII. 775.
- ASISIUM (Assisi), ancient town, Italy, II. 729.
- ASKABAD, town, Transcaspian Region, Russia, XVI. 42; XXIII. 512.
- ASKELON (Ascalon), town of the Philistines, II. 676; XVIII. 755.
- ASKEW, Anne, English martyr, II. 713.
- ASKI SHAHR (Kashgar), town, East Turkestan, XIV. 7; XXIII. 639.
- ASMAI, or Asmayi, Arabic writer, II. 713.
- ASMODEUS, evil demon, in Jewish legend, II. 714; VII. 64; XXIII. 428.

- ASMONEANS, or Hasmonæans, Jewish family, II. 714; XIII. 421; XV. 131.
 ASMONEUS, or Asamonæus, ancestor of the Maccabees, II. 714; XV. 131.
 ASMUS, Matthias Claudius, German poet, V. 817.
 ASNYK, Adam, Polish poet, XIX. 306.
 ASOKA, Buddhist lawgiver, XII. 784; inscriptions of, XIII. 118; XVIII. 183; XXI. 272.
 ASOLANUS, Andrea, Venetian printer, XV. 513.
 ASOLO, town, Italy, II. 714.
 ASOV (Azoff), town, Russia, III. 169.
 ASP, poisonous snake, II. 714.
 ASPALATHUM (Spalato), ancient town, Dalmatia, XXII. 366.
 ASPAR, Byzantine soldier, XIV. 452.
 ASPARAGIN, in chemistry, XV. 335; XVII. 519.
 ASPARAGUS, vegetable, II. 714; XII. 278.
 ASPASIA, of Miletus, Athenian hetæra, II. 714; XVIII. 532.
 ASPASIUS, Peripatetic philosopher, II. 714.
 — of Ravenna, rhetorician, II. 714.
 ASPEN, tree, II. 715; XIX. 511; in Rocky Mountains, U.S.A., XXIII. 810.
 ASPENDUS, ancient town, Asia Minor, II. 715; XVIII. 207; Greek theatre at, XXII. 223.
 ASPER, Hans, Swiss painter, II. 715.
 ASPERGILLUM, genus of Mollusca, XVI. 687.
 ASPERN, Austria, Battle of (1809), III. 133; XIV. 289.
 ASPHALT, or Asphaltum, mineral, II. 715; XVI. 428; XXIII. 58; its use as paving material, XX. 586.
 ASPHYXIA, arrest of respiration, II. 716; XX. 485; XV. 780; from drowning, VII. 473; from heat, XXII. 666.
 ASPINWALL, town, Panama, II. 716; XVIII. 209.
 ASPIRATES, I. 609; XX. 663; XXII. 382; in Aryan languages, XVIII. 787; hieroglyphic, XI. 796; in ancient MSS., XVIII. 165.
 ASPIRATOR, ventilator in mines, XVI. 461.
 ASPOREÆ, group of Schizomycetes, XXI. 405.
 ASPREDO, fish, XIX. 481.
 ASPROMONTE, Italy, Battle of (1862), XIII. 491.
 ASPUZI, town, Asia Minor, XV. 320.
 ASS, II. 716; XII. 175; XVII. 13; Arabian, II. 242; Egyptian, VII. 711; wild, of India, XII. 742; milk of, XVI. 303; strength of, XV. 772.
 ASSAI, Brazilian beverage, XVIII. 234.
 ASSAM, province, British India, II. 717; XII. 744; tea culture in, XII. 750; XXIII. 98.
 ASSAMONEUS (Asamonæus), ancestor of the Maccabees, II. 714; XV. 131.
 ASSAROTTI, Ottavio G. B., teacher of deaf mutes, in Italy, II. 722.
 ASSASSINATION, thuggee, in India, XXIII. 327.
 ASSASSINS, Moslem sect, II. 722; XVI. 594; XVII. 771.
 ASSAULT, in law, II. 724; on a wife, XXIV. 642.
 ASSAYE, India, Battle of (1803), II. 724; XXIV. 495.
 ASSAYING, in metallurgy, II. 724; XVI. 63; by blowpipe, XIX. 213; muffle furnace for, IX. 843; of coal, VI. 80; of gold, X. 751; of gold and silver plate, XIX. 186; of silver, XXII. 72.
 ASSELYN, Hans, Dutch painter, II. 728.
 ASSEMANI, family of Oriental scholars, II. 728; XXII. 825.
 ASSEMBLY, General, of Church of Scotland, XIX. 680; XXI. 539; XXIII. 728.
 — OF NOTABLES, France, IX. 595.
 ASSEN, town, Hollaud, II. 728.
 ASSENS, town, Denmark, II. 728.
 ASSER, John (Asserius), bishop of Sherborne, England, II. 728.
 ASSESSOR, in law, II. 728.
 ASSETS, in law, II. 729.
 ASSHUR, Assyrian god, III. 193; XXIII. 237.
 ASSIDEANS, or Asidæans, Jewish party, II. 729; XIII. 421, 422.
 ASSIGNATS, French, IX. 601, 606, 608.
 ASSIGNMENT, in law, II. 729.
 ASSINI, English settlement, West Africa, X. 755.
 ASSINIBOIA, district, North-West Territory, British America, XVII. 573.
 ASSISI, town, Italy, II. 729.
 ASSIZE, in law, II. 729; courts of, VI. 516; trial by, XIII. 784.
 ASSOCIATE PRESBYTERY, Constitutional, Scottish Seceders, XV. 132; XXIII. 728.
 ASSOCIATE REFORMED CHURCH, in U.S.A., XIX. 698.
 ASSOCIATE SYNOD, Scottish Seceders, XXIII. 728.
 ASSOCIATE SYSTEM, in prison discipline, XIX. 755.
 ASSOCIATION, Working Men's International, XIII. 189.
 — OF IDEAS, in philosophy, II. 730; VIII. 607; XX. 60; in dreaming, VII. 458; Dr Thomas Brown on, IV. 388; Hartley's theory of, XI. 498.
 ASSOCIATIONS, guilds, XI. 259.
 —, Scientific and literary, XXII. 221.
 ASSOILZIE, in Scots law, I. 58.
 ASSONNIUM (Auxonne), ancient town, France, III. 143.
 ASSOS, or Assus, ancient town, Asia Minor, XVII. 122; XXIII. 579.
 ASSUAY, province, Ecuador, II. 734.
 ASSUMPSIT, in law, XXIII. 454.
 ASSUMPTION, church festival, II. 734; XV. 592.
 ASSUMPTION (Asuncion), town, Paraguay, II. 825; XVIII. 244.
 — OF MOSES, Jewish apocalyptic book, II. 177.
 ASSURANCE, Life, XIII. 168.
 ASSUR-BANI-PAL, king of Assyria, III. 188; his palace at Nineveh, XVII. 512.
 ASSUR-NASIR-PAL, Palace of, at Nineveh, XVII. 512.
 ASSUS, ancient town, Asia Minor, XVII. 122; XXIII. 579.
 ASSYNT, Loch, Scotland, XXII. 726.
 ASSYRIA, II. 734; III. 183; contests of, with Israel, XIII. 412; with the Phœnicians, XVIII. 808; architecture of, II. 397; coins, XVII. 650; glass-making X. 648; language, III. 192; XXI. 650; dictionaries of language, VII. 189; libraries, XIV. 509; pottery, XIX. 604; religions, XX. 361; XXIII. 237.
 ASSYRIAN ALPHABETIC SYMBOLS, I. 604.
 ASSYRIAN INSCRIPTIONS, XIII. 114.
 ASSYRIAN MURAL DECORATIONS, XVII. 34.
 ASSYRIANS, II. 698.
 ASSYTHMENT, in Scots law, XVIII. 272.
 AST, George A. F., German philosopher and philologist, II. 735.
 ASTA, town, Madura, Indian Archipelago, XV. 194.
 ASTARTE, Phœnician goddess, II. 735; XVIII. 803; her relation to Aphrodite, II. 172; worship of, in Israel, I. 421.
 ASTAUENE, Parthian kingdom, XVIII. 592.
 ASTELL, Mary, English authoress, II. 735.
 ASTENBERG, mountain, Germany, XXIV. 516.
 ASTEPA (Estepa), ancient town, Spain, VIII. 559.
 ASTER, garden plant, II. 735; XII. 250.
 ASTERABAD (Astrabad), province and town, Persia, II. 738.
 ASTERIAS GLACIALIS, species of starfishes, XX. 416.
 ASTERIDEA, order of Echinodermata, VII. 632.
 ASTERIUS of Amasia, writer of homilies, II. 736.
 — of Cappadocia, Arian writer, II. 736.
 ASTEROIDEA, class of Echinodermata, XXIV. 813.
 ASTEROIDS, minor planets, II. 736, 806.
 ASTEROPHERUS, Magnus Olai, Swedish dramatist, XXII. 754.
 ASTHMA, disease, II. 736.
 ASTI, town, Italy, II. 737.
 ASTIBAS (Istib), ancient town, Asia Minor, XIII. 433.
 ASTIGMATISM, defect of the eye, VIII. 819; XVII. 785; spectacles for, XXII. 373.
 ASTOR, John Jacob, American fur merchant, II. 737.

- ASTOR, William C., Bunsen's connexion with, iv. 522.
— FUR COMPANY, U.S.A., xxiv. 387.
- ASTORGA, town, Spain, ii. 737; xxii. 307.
—, Emanuel d', Italian musical composer, ii. 737.
- ASTORIA, town, Oregon, U.S.A., ii. 737; xvii. 825.
- ASTOR LIBRARY, New York, ii. 737; xiv. 536.
- ASTRABAD, province and town, Persia, ii. 738; xviii. 627.
- ASTRÆA, asteroid, ii. 807.
- ASTRÆIDÆ, family of corals, vi. 376.
- ASTRAKANITE, mineral, xvi. 402.
- ASTRAKHAN, government and town, Russia, ii. 738; xxi. 69.
— TARTARS, xxiii. 70.
- A STRANGE TRUTH, Ford's drama, ix. 395.
- ASTROLABE, instrument used in navigation, x. 181; xvii. 251.
—, French ship, voyages of, vii. 530.
- ASTROLOGY, ii. 738; vii. 294; xxiv. 795; its relation to magic, xv. 201; among the Parsees, xviii. 325; Cardan's work on, v. 90; Kepler's relations to, xiv. 46; Lilly's contributions to, xiv. 642; Napier's belief in, xvii. 183; Michael Scot's contributions to, xxi. 470.
- ASTRONOMICA, Manilius's poem, xv. 489.
- ASTRONOMICAL INSTRUMENTS, Pond's, xix. 452; Roemer's, xx. 620; micrometer, xvi. 242; sextant, xxi. 724; telescope, xxiii. 135; transit circle, xxiii. 515.
- ASTRONOMICAL RING, Gemma's, xvii. 251.
- ASTRONOMY, ii. 744 (index, 823); applications of, in geodesy, vii. 597; x. 165; xxii. 696; in measurement of time, xxiii. 392; musical analogies with, xvii. 78; Assyrian, iii. 191; Babylonian, iii. 190; Hindu, xxi. 294; Moslem, xvi. 596; Pythagorean, xx. 139; contributions to, by Herschel, xi. 766; by Kepler, xiv. 46; by Lagrange, xiv. 210; by Laplace, xiv. 301; by Leverrier, xiv. 486; by Maskelyne, xv. 609; by Newton, xvii. 447; by Pond, xix. 452; Ptolemy's system of, xx. 89; by Thales, xxiii. 218; Delambre's history of, vii. 41; works on, by Longomontanus, xiv. 866; by Regiomontanus, xx. 342; astronomical societies, xxii. 225.
- ASTROPHOTOMETER, xxiv. 798.
- ASTROPHYLLITE, mineral, xvi. 413.
- ASTORRHIZIDEA, order of Protozoa, xix. 846.
- ASTRUC, Jean, French physician, ii. 824; xv. 815; on the Pentateuch, xviii. 505.
- ASTUR, genus of birds, x. 788.
- ASTURIAN DIALECT, xxii. 350.
- ASTURIAS, province, Spain, ii. 824; xxii. 298; kingdom of, xxii. 311.
—, Prince of, son of John of Gaunt, xxii. 321.
- ASTURICA AUGUSTA (Astorga), ancient town, Spain, ii. 737; xxii. 307.
- ASTYAGES, Median king, xviii. 564.
- ASUA, affluent of the Nile, Africa, xvii. 506, 507.
- ASUNCION (Assumption), town, Paraguay, ii. 825; xviii. 244.
- ASURAS, in Hindu theology, xvii. 152; xxiv. 821.
- ASWAN, town, Egypt, vii. 783.
- ASYLUM, in ancient Greece, ii. 825.
- ASYLUMS, Lunatic, xiii. 110; viii. 255.
—, for the poor, xix. 475.
- ASYMMETRY, of crystals, xix. 313.
- ASYMPTOTES, in geometry, vi. 280, 723; x. 398; xiii. 25; xxii. 671.
- AS YOU LIKE IT, Shakespeare's play, xxi. 764.
- ASYUT (Asiout), town, Upper Egypt, vii. 775; xxii. 103.
- ATA (Al-Mokaanna), veiled prophet of Khorasan, xvi. 608.
- ATABAPO, town, Venezuela, xvii. 843.
- ATACAMA, department, Bolivia, ii. 825; iv. 11; xviii. 670.
—, province, Chili, ii. 825; v. 617.
- ATACAMITE, mineral, vi. 347; xvi. 385.
- ATACAZO, mountain, Ecuador, vii. 645.
- ATAHUALPA, Inca prince of Peru, ii. 825; xviii. 677.
- ATAKOR, plateau, Sahara, Africa, xxi. 149.
- ATALA, Chateaubriand's work, v. 437.
- ATALANTA, in Greek legend, ii. 826.
- ATALANTIS, in Greek legend, iii. 27.
—, Mrs Manley's novel, xv. 492.
- ATALIK GHAZI (Amir Yakub Beg), ruler of Kashgar, xiv. 7; xxiii. 640.
- ATAULF, Gothic chief, x. 849.
- ATAVISM, recurrence of ancestral type, viii. 615; in animals, iv. 247.
- ATAXY, Locomotor, disease, ii. 826; xiii. 101.
- ATBARA, affluent of the Nile, Africa, i. 62; ii. 827; xvii. 507, 508.
- ATBO, or Edfu, town, Upper Egypt, vii. 653.
- ATCHAFALAYA, river, Louisiana, U.S.A., ii. 827.
- ATCHINSK, town, Siberia, xxiv. 743.
- ATCHISON, town, Kansas, U.S.A., xiii. 844.
- ATE, in Greek mythology, ii. 827.
- ATEAS, Scythian king, xxi. 578.
- ATELES, genus of apes, i. 681; ii. 153.
- ATELIER, artist's work-room, xviii. 137.
- ATELLA, town, Italy, ii. 827.
- ATELLANÆ, Roman comedies, vii. 409.
- ATELORNIS, genus of birds, xx. 627.
- ATERN0, river, Italy, xiii. 439.
- ATESTE, town, Italy, viii. 558.
- ATH, or Aeth, town, Belgium, ii. 827.
- ATHABASCA, river and lake, North America, ii. 827.
—, district, North-West Territory, British America, xvii. 573.
- ATHABASCANS, American Indians, xii. 827.
- ATHALARIC, Gothic chief, x. 851.
- ATHALIAH, of Scripture, ii. 827; xiii. 412.
- ATHALIA SPINARUM, turnip saw-fly, xxi. 343.
- ATHALIE, Racine's drama, xx. 208.
- ATHANARIC, chief of the Visigoths, x. 848; xxiii. 258, 720.
- ATHANASIAN CREED, vi. 562.
- ATHANASIUS, St, bishop of Alexandria, ii. 828; at council of Nicæa, vi. 560; his canon, v. 10.
— of Balad, Syriac writer, xxii. 840.
- ATHAPESKOW (Athabasca), river and lake, North America, ii. 827.
- ATHAR, collection of Moslem legal decisions, xvi. 594.
— (Attar), Ferid Eddin, Persian poet, ix. 89; xviii. 658.
- ATHARVA-VEDA, sacred book of Brahmanism, xxi. 279.
- ATHECÆ, suborder of Chelonia, xxiii. 456.
- ATHEISM, xxiii. 234; of Holbach, xii. 53.
- ATHELING, Edmund, king of Mercia, vii. 669.
- ATHELSTAN, or Æthelstan, Saxon king of England, ii. 830; viii. 285; union of Anglo-Saxons under, xvii. 570.
- ATHENA, or Athene (*q.v.*), Greek goddess (the Roman Minerva), ii. 830; xviii. 295.
— NIKE, Temple of, iii. 7.
— POLIAS, Temple of, at Pergamum, xviii. 527.
— PROMACHUS, Statue of, at Athens, iii. 5.
- ATHENÆUM, ancient academy, ii. 831.
- ATHENÆUS, Greek writer, ii. 831.
—, physician, in Rome, xv. 803.
- ATHENAGORAS, Christian apologist, ii. 831.
—, Syracusan demagogue, xxii. 814.
- ATHENAIS (Eudocia), wife of Theodosius II., viii. 659.
- ATHENE, or Athena (*q.v.*), Greek goddess (the Latin Minerva), ii. 830; xvii. 138; xviii. 295; feast of, at Sais, xix. 91; brazen house of, at Sparta, xxii. 370.
— ALEA, Temple of, at Tegea, xxiii. 110.
- ATHENIS, Greek sculptor, iv. 531.
- ATHENODORUS, Greek sculptor, ii. 832; xiv. 293.
— CANANITES, Stoic philosopher, ii. 832.
— CORDYLION, Stoic philosopher, ii. 832.

- ATHENRY, town, Ireland, II. 832; X. 56.
- ATHENS, ancient town, Greece, III. 1; XI. 100, 113; plain of, III. 60; antiquities of, II. 444; coins of, XVII. 642; public finance of, IX. 171; early history of, XI. 95; orders of nobility at, XVII. 526; its school of sculpture, II. 351; slaves in, XXII. 130; Dionysiac theatre at, III. 3; XXIII. 223; water-works of, II. 219; its supremacy in Greece, XI. 100; in Peloponnesian War, XI. 101; relations with Persia, XI. 98; XVIII. 570, 574; under the Romans, XI. 107; connexion with Sicily, XXII. 17; its relations with Sparta, XXII. 370; siege of Syracuse, XXII. 814; in time of Demosthenes, VII. 68; of Herodotus, XI. 757; of Justinian, XI. 113; of Pericles, XVIII. 529; of Pisistratus, XIX. 130; of Plato, XIX. 194; of Solon, XI. 96; XXII. 254; of Themistocles, XXIII. 250; of Thucydides, XXIII. 322; St Paul's visit to, XVIII. 420.
- , capital of modern Greece, III. 11; XI. 85; library at, XIV. 549; observatory, XVII. 714; university, XXIII. 852.
- , town, Georgia, U.S.A., III. 11.
- , town, Ohio, U.S.A., III. 11.
- ATHERIS, genus of vipers, XXIV. 248.
- ATHERSTONE, town, England, XXIV. 379.
- ATHERTON, town, England, III. 11.
- ATHERURA, genus of rodent mammals, XIX. 518.
- ATHIAS, Joseph, Jewish rabbi and printer, III. 11.
- ATHLETÆ, competitors in ancient games, III. 11.
- ATHLETIC CONTESTS, Greek and Roman, X. 63; XVII. 766.
- ATHLETIC SPORTS, contemporary, III. 12; XXI. 60; training diet for, VII. 203.
- ATHLONE, town, Ireland, III. 13; XXIV. 513.
- , Earl of (Ginckell), general, X. 602.
- ATHOLE, district, Scotland, XVIII. 667.
- , Dukes of, their connexion with the Isle of Man, XV. 454.
- ATHOR, Egyptian divinity, III. 13; VII. 717; temple of, in Upper Egypt, VII. 77.
- ATHOS, peninsula and mountain, Turkey in Europe, III. 14; XV. 140; monastery of St Laura at, I. 11; pilgrimages to, XIX. 95.
- ATHTAR, Sabæan god, XXIV. 741.
- ATHUR, Ruins of, at Nineveh, XVII. 512.
- ATHY, town, Ireland, III. 15; XIV. 73.
- ATHYR (Athor, *q.v.*), Egyptian divinity, III. 13.
- ATINA, town, Italy, III. 15.
- ATISHA, Lamaist high priest, Tibet, XXIII. 346.
- ATITLAN, lake and volcano, Guatemala, III. 15; XI. 239.
- ATJEH (Acheen), government, Sumatra, XXII. 639.
- ATKARSK, town, Russia, XXI. 305.
- ATKINSON, H. G., his correspondence with Harriet Martineau, XV. 584.
- ATLANDER MANHEM, Rudbeck's work on Sweden, XXII. 755.
- ATLANTA, town, Georgia, U.S.A., III. 15; captured by Sherman (1864), XXIII. 779.
- , genus of Mollusca, XVI. 654.
- ATLANTACEA, suborder of Mollusca, XVI. 653.
- ATLANTICA, in Greek mythology, III. 27.
- ATLANTIC CITY, town, New Jersey, U.S.A., XVII. 397.
- ATLANTIC OCEAN, III. 15; XVI. 132; XXI. 612; density of its water, XVIII. 120; birds of, III. 756; fishes of, XII. 680; railways between it and the Pacific, I. 715; first line of steam-ships across, VI. 707.
- ATLANTIS, island, in Greek mythology, III. 27.
- ATLAS, in Greek mythology, III. 27.
- , mountains, Africa, III. 27; I. 563; XVI. 831.
- ATLI, in Nibelungenlied, XVII. 474.
- ATMOSPHERE, The, III. 28, 381; X. 211, 220; XVI. 114; geological influences of, X. 264; height of, III. 381; impurities in, XXIV. 157; physical properties of, XIX. 240; refractive power of, II. 769; speed of sound relatively to, XXIV. 418; temperature of, at different elevations, I. 196; tides in, XXIII. 353; its effect on weighing and measuring, XXIV. 478.
- OF THE SUN, XXII. 645; X. 215.
- ATMOSPHERIC ENGINE, XXII. 474.
- ATMOSPHERIC RAILWAY, III. 36.
- ATMU, Egyptian divinity, VII. 716.
- ATOK, district, Transcasian Region, Russia, XXIII. 510, 511.
- ATOLLS, coral reefs enclosing lagoons, VI. 378; XIV. 27; XVI. 257; XIX. 418, 420; Murray's theory of origin of, XVIII. 128; in Maldivé Islands, XV. 328; in Tahiti Archipelago, XXIII. 22; in Tuamotu Archipelago, XXIII. 602.
- ATOM, III. 36; XVI. 610.
- ATOMIC THEORY, in chemistry, v. 465; VI. 785.
- ATOMIC THEORY, Cosmical, early forms of, VIII. 756; of Democritus, VII. 59; of Empedocles, VIII. 179; of Epicurus, VIII. 474; of Leucippus, XIV. 484; Cudworth's history of, VI. 689.
- ATOMIC WEIGHTS, v. 467, 470; laws of combination of, v. 468.
- ATONEMENT, Day of, Jewish fast, VIII. 806.
- , Sacrificial, XXI. 136.
- ATOOI, island, Sandwich Islands, Pacific, III. 49.
- ATOPITE, mineral, XVI. 404.
- ATRA, or Atræ, ancient town, Mesopotamia, XVI. 48; XVIII. 605.
- ATRACHELIA, group of beetles, VI. 133.
- ATRACASPIDIDÆ, family of snakes, XXII. 193.
- ATRÆ, ancient town, Mesopotamia, XVI. 48; XVIII. 605.
- ATRAI, river, India, XX. 261.
- ATRAK (Atrek, *q.v.*), river, Persia, XVIII. 620.
- ATRATO, river, Colombia, South America, III. 49; VI. 153.
- ATREK, river, Persia, III. 50; XVIII. 620; XXIII. 511.
- ATREUS, in Greek legend, III. 50; XVIII. 480; treasury of, at Mycenæ, II. 346, 402.
- ATRI, or Atria, town, Naples, III. 50.
- ATRICHIA, genus of birds, XXI. 554.
- ATRIUM, in Roman and ecclesiastical architecture, III. 50.
- VESTÆ, Rome, XX. 819.
- ATROPATENE, Græco-Persian kingdom, XVIII. 586.
- , ancient province, Persia, XVIII. 626.
- ATROPATES, Persian chief, XV. 143.
- ATROPHY, disease, III. 50; XVIII. 256, 392; in Mollusca, XVI. 644.
- , Acute yellow, of liver, XVIII. 386; XIII. 598; XXIV. 735.
- ATROPIA, ATROPINE, in chemistry, III. 543; IV. 650; XVII. 231; XIX. 279.
- ATROPOS, in Greek mythology, III. 51.
- ATTACHMENT, in law, III. 51; XXIV. 696.
- ATTACUS, genus of silkworms, XXII. 60.
- ATTADILLO, edentate mammal, XVIII. 211.
- ATTAGAS, or Attagen, genus of birds, XVIII. 333.
- ATTAGIS, genus of birds, XIX. 228.
- ATTAINDER, in English law, III. 52; Acts of, VIII. 330.
- ATTAINT, obsolete writ, in English law, XIII. 785; XXIV. 694.
- ATTALIA (Adalia), ancient town, Asia Minor, III. 52; XVIII. 207.
- ATTALICA, Roman cloth of gold, XXIII. 208.
- ATTALUS, king of Pergamum, XV. 143; XVIII. 527.
- ATTAR, Farid-Uddin, Persian poet, IX. 89; XVIII. 658.
- OF ROSES, perfume, III. 52; XX. 851.
- ATTARS, essential oils in perfumes, XVIII. 525.
- ATTEMPERATOR, brewing utensil, IV. 275.
- ATTENTION, in psychology, III. 52; XX. 41.
- ATTERBOM, Per Daniel A., Swedish poet, III. 52; XXII. 757.
- ATTERBURY, Francis, bishop of Rochester, III. 53.
- ATTERSEE, lake, Austria, XXI. 241.

- ATTI, Isotta degli, mistress of Sigismondo of Rimini, XX. 557.
- ATTIC, in architecture, II. 460.
- DIALECT, XI. 134.
- DRAMA, VII. 404.
- LITERATURE, XI. 140.
- ATTICA, Greece, III. 57; XI. 95; coins of, XVII. 642.
- ATTICOTTI, ancient British tribes, XIII. 245.
- ATTICUS, Titus Pomponius, friend of Cicero, III. 61.
- HERODES, Tiberius Claudius, wealthy citizen of Athens, III. 61.
- ATTIDIAN BRETHREN, Etrurian priests, VIII. 664.
- ATILIA, king of the Huns, III. 61; XII. 381; XX. 781.
- ATTIS, or Atys, in Greek mythology, III. 65; XV. 99.
- ATTIUS, Lucius, Latin poet, I. 83.
- ATTOCK, town and fort, India, III. 62.
- ATTORNEY, in law, III. 62.
- , Power of, III. 62.
- ATTORNEY-GENERAL, III. 63.
- ATTRACTION, in magnetism, XV. 219, 221.
- , in physics, III. 63; XI. 66; XV. 702; local, affecting pendulum, VII. 602.
- ATTRUCK (Atrek), river, Persia, III. 50; XVIII. 620; XXIII. 511.
- ATTWOOD, Thomas, English musical composer, III. 65.
- ATURES, tribe of American Indians, XVIII. 323.
- , cataract, South America, XVII. 844.
- ATWOOD, George, English mathematician, III. 65; his machine, XV. 716, 727, 733.
- ATYS, in Greek mythology, III. 65; XV. 99.
- AU, suburb, Munich, Germany, XVII. 24.
- AUBAGNE, town, France, III. 65.
- AUBAINE, Proudhon's theory of, XIX. 867.
- AUBE, department, France, III. 65; river, XXI. 624.
- AUBENAS, town, France, III. 66.
- AUBER, Daniel F. E., French musical composer, III. 66.
- AUBERGINE, vegetable, XII. 282.
- AUBERT, David, Frankish romancist, XX. 649.
- , Stephen (Pope Innocent VI.), XIII. 84.
- AUBERVILLIERS, town, France, XXI. 624.
- AUBIN, town, France, III. 66.
- AUBRAY, Claude d', French writer, IX. 655.
- AUBRIOT, Hugues, provost of merchants, Paris, XVIII. 289.
- AUBURN, town, New York, U.S.A., III. 66; XVII. 457.
- AUBUSSON, town, France, III. 67.
- AUCH, town, France, III. 67.
- AUCHENIA, genus of ungulate mammals, I. 597; XIV. 738.
- AUCHTERARDER, town, Scotland, III. 67.
- CASE, in Scottish Church, V. 376; IX. 743.
- AUCHTERMUCHTY, town, Scotland, III. 67.
- AUCKLAND, province, New Zealand, III. 67; town, III. 68.
- , Earl of, governor-general of India, III. 68; XII. 807.
- , Lord, English politician, III. 68.
- ISLANDS, South Pacific, III. 68; XVII. 466.
- AUCTION, Sale by, III. 68; XXI. 206.
- AUDÆUS, Syrian reformer, III. 69.
- AUDE, department, France, III. 69.
- AUDEBERT, Jean Baptiste, French naturalist and artist, III. 69; XVIII. 11.
- AUDEFOI LE BASTARD, French songwriter, IX. 642.
- AUDIGIER, early French satire, IX. 642.
- AUDITA QUERELA, obsolete writ, in English law, XXIV. 604.
- AUDITOR, certifier of accounts, III. 69.
- AUDITORY NERVE, in anatomy, I. 895.
- AUDITORY SENSATIONS, VII. 594.
- AUDIUS (Audæus), Syrian reformer, III. 69.
- AUDOENUS (John Owen), Latin epigrammatist, XVIII. 85.
- AUDOUIN, Jean Victor, French naturalist, III. 70.
- AUDRAN, Gérard, French engraver, III. 70; VIII. 442.
- , Jean, French engraver, III. 70.
- AUDUBON, John James, American naturalist, III. 70; on American birds, XVIII. 11, 12, 16, 25, 27, 28.
- AUE, Hartmann von der, German poet, X. 518, 523; XI. 499.
- AUENBRUGGER, Leopold, Austrian physician, III. 145; XV. 815; his method of auscultation, III. 100.
- AUERBACH, F., his experiments in magnetism, XV. 259.
- AUERSPERG, Count von (Anastasius Grün), Austrian poet, X. 546; XI. 224.
- AUERSTÄDT, Battle of (1806), XVII. 210.
- AUFIDENA, ancient town, Italy, XXI. 249.
- AUFIDUS (Ofanto), river, Italy, XIII. 440.
- AUGEAN STABLES, in Greek legend, III. 71; XI. 726.
- AUGEIAS, or Augeas, in Greek legend, III. 71.
- AUGER, boring tool, XI. 438.
- AUGEREAU, Pierre François Charles, French general, III. 71.
- AUGHRIM (Aghrim), Ireland, Battle of (1691), I. 282.
- AUGITE, mineral, X. 228; XV. 217; XVI. 416.
- AUGITE-ANDESITE, mineral, X. 235.
- AUGSBURG, town, Germany, III. 71; its sculptures, XXI. 566; diet and confession of (1530), V. 414; VI. 564; X. 498; XV. 82, 834; XX. 333; league of (1686), IX. 579; XII. 81; peace of (1555), X. 499.
- AUGUILMIN, town, Morocco, XVI. 834.
- AUGURS, Roman diviners, III. 72; XV. 202.
- AUGURY, in divination, VII. 293.
- AUGUST, month, III. 73.
- AUGUSTA, town, Georgia, U.S.A., III. 73.
- , town, Maine, U.S.A., III. 73.
- (Agosta), town, Sicily, I. 285.
- , Cæsarea (Zaragoza), ancient town, Spain, XXII. 307; XXIV. 770.
- AUSCORUM (Auch), ancient town, France, III. 67.
- EMERITA (Merida), ancient town, Spain, XVI. 36; XXII. 307.
- PRÆTORIA (Aosta), ancient town, Italy, II. 147.
- AUGUSTAN AGE, III. 79; XX. 721.
- AUGUSTAN HISTORY, III. 73; Salmasius's notes on, XXI. 220.
- AUGUSTENBURG, Prince Frederick of, VII. 88.
- AUGUSTI, John Christian William, German theologian, III. 75.
- and CÆSARES, at Rome, XX. 777.
- AUGUSTINE, St, bishop of Hippo, III. 75; his conference with the Donatists, VII. 360; influence of Neoplatonism on, XVII. 339; as Biblical interpreter, XI. 745; his canon of Scripture, V. 11; his ethics, VIII. 592; on baptism, III. 349; on the beautiful, I. 216; on monachism, XVI. 702; on predestination, XIX. 669.
- , St, first archbishop of Canterbury, III. 78; XVI. 707.
- AUGUSTINIANS, or Austin Canons, order of monks, I. 19; III. 78; XVI. 702.
- AUGUSTINUS, The, Jansen's work, XIII. 566.
- AUGUSTOBONA (Troyes), ancient town, France, XXIII. 590.
- AUGUSTOMAGUS (Senlis), ancient town, France, XXI. 664.
- AUGUSTOVO, or Augustowo, town, Russian Poland, III. 79; XXII. 728.
- AUGUSTULUS, Romulus, Roman emperor, XVII. 726.
- AUGUSTUS (C. Julius Cæsar Octavianus), Roman emperor, III. 79; XX. 769; in Spain, XXII. 307; his relations with Tiberius, XXIII. 335; his division of Rome into regiones, XX. 832; coins of, XVII. 653; references to, in the Æneid, XXIV. 254.
- I.—III., kings of Poland, XIX. 297.
- I., elector of Saxony, XXI. 354.
- II., of Saxony (II. of Poland), III. 84; XIX. 297; XXI. 354.
- III., of Saxony, III. 85.

- AUGUSTUS, mountain, Western Australia, XXIV. 507.
 —, Era of, v. 716.
 AUJALA, oasis, Tripoli, XXIII. 574.
 AUK, bird, III. 85, 734; great, x. 78; razor-billed, XX. 302.
 AULACORHAMPHUS, genus of birds, XXIII. 477.
 AULDJO VASE, ancient glass vessel, x. 649.
 AULIC COUNCIL, court of the empire, III. 85.
 AULIE-ATA, town, Syr-Daria, Russia, XXII. 821.
 AULIS, ancient town, Greece, III. 85.
 AULLAGAS, lake, Peru, XVIII. 673.
 AULNE, Marquis de l' (Turgot, *q.v.*), French statesman, XXIII. 627.
 AULOS, Greek musical instrument, XVII. 707.
 AULUS GELLIUS, Roman author, x. 135; xx. 726.
 AUMA, town, Germany, XXI. 349.
 AUMALE, town, France, III. 85.
 AUMUCE (Almuce), hood, church vestment, VI. 463.
 AUNGERVYLE, Richard (Richard de Bury), bishop of Durham, III. 85.
 AUNT JUDY (Mrs Alfred Gatty), English tale writer, x. 109.
 AURAL DISEASES, VII. 594.
 AURANGZEB, or Aurungzebe, emperor of Delhi, III. 99; XII. 795.
 AURANITIS, province, Bashan, III. 410.
 AURASIUS, mountain, Numidia, XVII. 628.
 AURATUS, Jean Daurat, French poet, VI. 835.
 AURAY, town, France, III. 86.
 AUREA CHERSONESUS, or Malay Peninsula, XV. 321.
 AUREATUM (Ingolstadt), ancient town, Bavaria, XIII. 74.
 AURELIAN, Roman emperor, XVIII. 202; XX. 773, 776; walls of, at Rome, XX. 832.
 AURELIANUS, Cælius, Roman physician, III. 86; XV. 804.
 AURELIUS ANTONINUS (Caracalla), Roman emperor, v. 81; XXI. 700.
 AURELIUS ANTONINUS, Marcus, Roman emperor and philosopher, III. 86; XX. 773, 775; as Stoic, XXII. 573.
 AUREOLA, in sacred paintings, III. 89.
 AURES, mountains, Algeria, XVII. 628.
 AUREUS, Roman coin, XVII. 653; deprecations of, XVI. 726.
 AURICH, town, Prussia, III. 89.
 AURICALCITE, mineral, XVI. 399.
 AURICULA, garden plant, XII. 253; XIX. 737.
 AURICULAR CONFESSION, VI. 257.
 AURICULIDÆ, family of snails, XXII. 187.
 AURIFABER, Joannes, friend of Luther, III. 89.
 —, Joannes, of Breslau, Lutheran divine, III. 90.
 AURILLAC, town, France, III. 90.
 AURIPIGMENTUM, orpiment, pigment, XVIII. 51.
 AUROCHS, European bison, III. 792.
 AURORA, Roman goddess, III. 90.
 — BOREALIS, or Northern Lights, III. 90; XVI. 177, 183; its connexion with sun spots, II. 787.
 — LEIGH, Mrs Browning's poem, IV. 392.
 — POLARIS, III. 90.
 AURUNCANS, or Ausonians, ancient people, Italy, XIV. 344.
 AURUNGABAD, town, India, III. 99.
 AURUNGZEBE, emperor of Delhi, III. 99; XII. 795.
 AUSA (Vich), ancient town, Spain, XXIV. 210.
 AUSCHWITZ, town, Austria, III. 100.
 AUSCULTATION, in medicine, III. 100; xv. 816.
 AUSONIANS, or Auruncans, ancient people, Italy, XIV. 344.
 AUSONIUS, Decimus Magnus, Roman poet, III. 101.
 AUSPEX, Roman diviner, xv. 202.
 AUSPICES, signs in divination, III. 72.
 AUSSEE, spa, Styria, Austria, XXII. 614.
 AUSSIG, or Aussyenad, town, Bohemia, III. 101.
 AUSTEN, Jane, English writer, III. 101.
 —, William, English sculptor, XXI. 559.
 AUSTERLITZ, town, Austria, III. 102; battle of (1805), III. 132, 444; IX. 615; XVII. 210.
 AUSTIN, town, Texas, U.S.A., XXIII. 205.
 —, or Augustine (*q.v.*), Sts, III. 75, 78.
 —, Ann, English Quakeress, XX. 152.
 —, Captain, Arctic explorer, XIX. 321.
 —, John, English hymn writer, XII. 592.
 —, John, English jurist, III. 102; on government, XI. 9; on jurisprudence, XIV. 354.
 —, Sarah Taylor, English writer, III. 102.
 — CANONS, order of monks, I. 19; XVI. 709.
 AUSTIN'S ARTIFICIAL STONE, VI. 243.
 AUSTRALASIA, III. 102; statistics of immigration to, VIII. 177.
 AUSTRALIA, III. 103; aborigines, III. 112; their languages, XVIII. 780; dictionaries of languages, VII. 192; their myths, XVII. 147; their religions, XX. 365; totemism among them, XXIII. 467; birds, III. 741; XVIII. 16; coalfields, VI. 59; colonization of, x. 190; convict settlements, XIX. 750; explorations of, IX. 324; x. 186, 195; fishes, XII. 674, 676, 681; flora, VII. 289; forests, IX. 406; gold in, x. 744; libraries, XIV. 534, 550; mineral products, XVI. 471; observatories, XVII. 716; opium cultivation, XVII. 792; pearl fisheries, XVIII. 447; post office, XIX. 578; railways, XX. 252; rainfall, XVI. 151; universities, XXIII. 856; wine industry, XXIV. 611.
 AUSTRALIA DEL ESPIRITU SANTO, island, New Hebrides, XVII. 395.
 AUSTRALIAN REGION, in zoology, VII. 272.
 AUSTRALIOID TYPE, of man, II. 113; in Asia, II. 697.
 AUSTRASIA, country of the Franks, IX. 530; x. 477; under Charles Martel, v. 427.
 AUSTRIA-HUNGARY, European empire, III. 115; struggles of Austria with the Swiss, XXII. 784; its relations with the papacy, VI. 242; its share in the partition of Poland, XIX. 298; under Joseph II., XIII. 750; Napoleon's invasion of (1805), XVII. 209; under Metternich's policy, XVI. 200; its rule in Italy, XIII. 486; war with Prussia, (1866), x. 508, 511; army, II. 604, 660, 666; arsenals, II. 634; coalfields, VI. 57; forests, IX. 401; founding hospitals, IX. 483; Jews in, XIII. 685; libraries, XIV. 527, 547; mines, XVI. 468; national debt, XVII. 246; navy, XVII. 300; newspapers, XVII. 429; observatories, XVII. 713; police system, XIX. 343; post office, XIX. 582; prison system, XIX. 758; railways, XX. 251; university statistics, XXIII. 849; weights and measures, XXIV. 490; wine industry, XXIV. 610.
 AUSTRU, scorching wind, XXI. 15.
 AUTHARI, Flavius, king of the Lombards, XIV. 814.
 AUTHIE, river, France, XXII. 261.
 AUTHONNE, river, France, XVII. 749.
 AUTHORITY, Sovereign, its source, XIV. 356.
 AUTISSIODURUM (Auxerre), ancient town, France, III. 143.
 AUTOCHTHONES, in Greek mythology, III. 141.
 AUTO-DA-FE, III. 141; XIII. 94.
 AUTOGRAPH, III. 141.
 AUTOLYCUS, Greek astronomer, III. 142; II. 748.
 AUTOLYTUS, genus of Annelida, II. 67.
 AUTOMATISM, Descartes on, VII. 125.
 AUTOMATON, self-moving machine, III. 142; as used in conjuring, xv. 208.
 AUTOPHRADATES, satrap of Lydia, XVIII. 579.
 AUTOS SACRAMENTALES, Spanish religious dramas, IV. 660; VII. 421; XXIV. 124.
 AUTUN, town, France, III. 142.
 AUTUNOIS, district, France, XXI. 301.
 AUVERGNE, district, France, III. 142.
 —, Henri de la Tour d' (Turenne), French general, XXIII. 626.
 AUVERNIER, Switzerland, lake-dwelling, remains at, XIV. 224.
 AUWERS, Dr, on parallax measurements, XVIII. 248.

- AUXENTIUS of Cappadocia, Arian theologian, III. 143.
- AUXERRE, town, France, III. 143; XXIV. 746.
- AUXONNE, town, France, III. 143.
- AUXUME (Axum, *q.v.*), ancient Abyssinian kingdom, III. 162; I. 65; XXI. 654.
- AVA, town, Burmah, III. 143.
- AVAHIS, genus of lemurs, XIV. 441.
- AVALLO, town, France, III. 144; XXIV. 746.
- AVALON, peninsula, Newfoundland, XVII. 382.
- , St Hugh of, bishop of Lincoln, XII. 336.
- AVANTURINE, mineral, XVI. 389.
- AVARS, ancient people of Asia, XXIII. 659; their invasion of Greece, XI. 112; their overthrow by Charlemagne, V. 403; XIV. 60.
- , Caucasian tribe, XIV. 475.
- AVATCHA, volcano, Kamchatka, III. 144.
- AVEBURY, village, England, III. 144; cromlech at, XXI. 51; stone circles at, II. 383; XXIV. 594.
- AVEDICK, Armenian patriarch, XIII. 361.
- AVEIRO, town, Portugal, III. 144.
- AVELLA, town, Italy, III. 144.
- AVELLINO, town, Italy, III. 144.
- AVEMPACE, Arabian philosopher, III. 144; II. 269; XXI. 426.
- AVENA, genus of grasses, XVII. 696.
- AVENBRUGGER, Leopold, Austrian physician, III. 145; XV. 815; his method of auscultation, III. 100.
- AVENCHES, district, Switzerland, XXIV. 114, 115.
- AVENTINE HILL, at Rome, XX. 731, 807.
- AVENTINUS, Johann Thurmayer, German writer, III. 145.
- AVENTURINE, Venetian glass, XVII. 48.
- AVENZOAR, Arabian physician, III. 145; XV. 805.
- AVERAGE, in maritime commerce, III. 145; in marine insurance, XIII. 187.
- , mathematical and statistical, XIX. 780; XXII. 465.
- AVERNUS, lake, Italy, III. 149.
- AVERROES, Arabian philosopher and physician, III. 149; II. 269; XV. 805; XXI. 426.
- AVERRUNCUS, epithet of Jupiter, XIII. 780.
- AVERSA, town, Italy, III. 152.
- AVESNES, town, France, III. 152.
- AVESTA, sacred book of the Parsees, XXIV. 775; XVIII. 584, 653.
- AVEYRON, department, France, III. 152.
- AVEZZANO, town, Italy, III. 152.
- AVIANUS, Latin fabulist, VIII. 838.
- AVICEBRON, Jewish philosopher, III. 152; II. 268; VIII. 758; XXI. 426.
- AVICENNA, Arabian philosopher and physician, III. 152; II. 267; XV. 805; XXI. 426; as writer in Persian, XVIII. 656.
- AVICENNIA, genus of trees, XV. 481.
- AVIENUS, Rufus Festus, Latin poet, III. 155.
- AVIGLIANO, town, Italy, III. 155.
- AVIGNON, town, France, III. 155; XXIV. 114; seat of papal court, V. 821; XIII. 476; XIX. 501; in time of Petrarch, XVIII. 706; bridge at, IV. 330; university, XXIII. 839.
- AVILA, province, Spain, III. 156; XXII. 298; town, III. 156.
- , Gil Gonzalez d', Spanish writer, III. 157.
- y ZUNIGA, Luis d', Spanish historian, III. 157.
- AVILES, San Nicolas de, town, Spain, III. 157.
- AVLONA, town, Albania, III. 157.
- AVOCA, or Ovoca, river, Ireland, XXIV. 557.
- AVOCADO OIL, XVII. 744, 747.
- AVOGADRO'S LAW OF GASES, V. 465; XVI. 611; XX. 131.
- AVOIRDUPOIS, system of weights, III. 157; II. 533; XXIV. 489.
- AVOLA, town, Sicily, III. 157.
- AVON, rivers, England, Scotland, France, III. 157.
- , river, Nova Scotia, XVII. 601.
- , river, Linlithgow, Scotland, XIV. 669.
- , Lower, river, Somerset, England, XXII. 257; XXIV. 594.
- , Southern, river, Wilts, England, XXIV. 594.
- , Upper, or Shakespearean, river, England, XVII. 555; XXIV. 379.
- AVOSET, bird, XXII. 552.
- AVRANCHES, town, France, III. 157.
- AVRANCHIN, district, France, XV. 458.
- AWAJI, island, Japan, XIII. 569.
- AWANTIBO, lemur, XIV. 443.
- AXAN (Alp Arslan), Seljuk sultan, I. 598.
- AXAYACATL, Mexican ruler, XVI. 210.
- AXE, hand-tool, XI. 437; battle-axe, II. 555.
- , river, Somerset, England, XXII. 257.
- AXELHOLM (Axholm), Isle of, England, III. 157; XIV. 653.
- AXES, of crystals, XVI. 347.
- AXHOLM, Isle of, England, III. 157; XIV. 653.
- AXIM, river, Gold Coast, Africa, I. 421; X. 755.
- AXINITE, mineral, XVI. 411.
- AXINOMANCY, ordeal, XVII. 818.
- AXIOM, in philosophy, III. 158; in geometry, X. 376.
- AXIS, of a magnet, XV. 220, 238.
- , Earth's, Stability of, X. 216.
- AXIUS, river, Macedonia, XV. 136.
- AXMINSTER, town, England, III. 162; carpets of, V. 131.
- AXOLOTL, amphibian, XXII. 96.
- AXONIA, morphological form, XVI. 843.
- AXUM, ancient town, Abyssinia, III. 162; I. 65; inscriptions at, VIII. 613; XXI. 654.
- AXYLUS, or Axylum, district, Asia Minor, II. 704; XVIII. 852.
- AYACUCHO, town, Peru, XVIII. 675.
- , La Paz de, town, Bolivia, XIV. 298.
- AYAMONTE, town, Spain, III. 162.
- AYANI, Hasani Shabistari, Persian historian, XVIII. 657.
- AYE-AYE, lemur, XIV. 443; XV. 170.
- AYEN, count and dukes of, XVII. 523.
- AYLESBURY, town, England, III. 162.
- AYLESFORD, village, England, III. 162.
- AYLMER, John, bishop of London, III. 162.
- AYMARAS, South-American Indians, IV. 15; XVIII. 676; religion of, XX. 364.
- AYMON, Four Sons of, romance, XX. 652.
- AYR, town, Scotland, III. 164.
- AYRER, Jacob, German dramatist, III. 165.
- AYRSHIRE, county, Scotland, III. 162; coalfield of, VI. 53; area and population, XXI. 528; representation, XXIII. 727.
- CATTLE, I. 388.
- AYTON, Sir Robert, early Scottish poet, III. 165.
- AYTOUN, William Edmonstone, Scottish man of letters, III. 165.
- AYUKA KHAN, Mongol chief, IV. 710; XVI. 745.
- AYUTHIA, town, Siam, XXI. 852.
- AYYUBITES, Moslem dynasty, Egypt, XVI. 588.
- AZAI, Pierre Hyacinthe, French writer, III. 166.
- AZALEA, plant, XII. 262; XX. 527.
- AZAMMUR, town, Morocco, XVI. 831.
- A-ZANDEY, African race, XVII. 473.
- AZANIA, district, Africa, I. 432; XXIV. 739.
- AZARA, Felix de, Spanish naturalist, III. 166.
- , José Nicholas d', Spanish diplomatist, III. 167.
- AZCAPUZALCO, ancient Mexican town, XVI. 209.
- AZEGLIO, Marquis d', Italian writer and statesman, III. 167; XIII. 487, 489.
- AZERBAIJAN, or Adarbaijan, province, Persia, III. 167; XVIII. 626.
- AZEUS, or Azeis, epithet of Zeus at Laodicea, XIV. 293.
- AZHAR, mosque and college, Cairo, IV. 646; XXII. 660.
- AZILA, town, Morocco, XVI. 831.
- AZIMGARH, district and town, India, III. 168.
- AZIMUTH, defined, X. 198; in surveying, XXII. 700, 705, 712.
- COMPASS, XVI. 160.
- AZINCOURT (Agincourt), Battle of (1415), I. 282; VIII. 320; IX. 549.
- AZIZ, province, Asiatic Turkey, XXIII. 653.

- AZO, Italian writer on law, III. 169.
 AZOFF, town, Russia, III. 169.
 —, Sea of, Russia, III. 169, 796.
 AZOIC STRATA, in geology, X. 327.
 AZOLITMIN, chemical substance, XIV. 703.
 AZORES, islands, Atlantic Ocean, III. 169, 18.
 AZOTUS (Ashdod, *q.v.*), town, Palestine, III. 172.
 AZPEITIA, town, Spain, III. 172.
 AZRAK, Bahr el (Blue Nile), Africa, XVII. 507, 508.
 AZRAKI, Arab historian, XXIII. 3.
 AZTECS, ancient people of Mexico, III. 172; I. 695, 706; XII. 828; XVI. 206; in Nicaragua, XVII. 479; their hieroglyphic symbols, I. 602; their mythology, XVII. 150.
 AZULEJOS, Moorish wall-tiles, XVII. 36.
 AZUNI, Domenico Alberto, Italian jurist, III. 172.
 AZURE, blue pigment, XIX. 87.
 AZURITE, mineral, XVI. 399; XV. 315.
 AZYGOBRANCHIA, order of Mollusca, XVI. 648; XXII. 187.
 AZZO (Azo), Italian writer on law, III. 169.
 — I.-VIII., princes of Este, Italy, VIII. 558.
- B**, the second letter of the alphabet, III. 173.
 BAADER, Franz Xaver von, German philosopher, III. 173; XXIII. 247, 279.
 BAAL, title of Semitic deities, III. 175; IV. 764; XIII. 402; XVI. 696; XVIII. 803; XXII. 237; human sacrifices to, XVIII. 730; worship of, in Israel, I. 421.
 BAALBEC, ancient town, Syria, III. 176.
 BAAL-ZEBUB, Philistine god, III. 503; XVIII. 756.
 BAANES, Paulician teacher, XVIII. 434.
 BAARAS, fabulous herb, XV. 476.
 BAB, The (Mohammed Ali), founder of Babism, in Mohammedanism, III. 180; XVIII. 650; XXII. 665.
 BABA-DAGH, mountains, Asia Minor, II. 706; V. 254.
 BABAR (Baber, *q.v.*), founder of the Mogul empire, III. 179; II. 700.
 BABATAG, town, Bulgaria, III. 178.
 BABBA, town, Mauretania, Africa, XV. 637.
 BABBAGE, Charles, English mathematician, III. 178; his calculating machine, IV. 654; logarithmic tables by, XXIII. 10.
 BABCOCK, Alphæus, pianoforte maker, XIX. 77.
 BABEGAN (Artaxerxes I.), king of Persia, II. 642.
 BABEL, of Scripture, III. 178.
 BAB-EL-MANDEB, strait, Red Sea, III. 179; XX. 316.
- BABER (Zehir-ed-din Mohammed), founder of Mogul dynasty, III. 179; II. 700; XII. 793, 794; XVIII. 632.
 BABEUF, François Noel, French socialist, III. 179; IX. 609; XXII. 207.
 BABHAI, the Archimandrite, Syriac writer, XXII. 842.
 — BAR NESIBHAYE, Syriac writer, XXII. 844.
 BABHAVUTI, Hindu dramatist, VII. 397.
 BABI, Mohammedan sect in Persia, III. 180; XVIII. 650; XXII. 665.
 BABIA GORA, mountain, Carpathians, Austria, X. 25.
 BABIL, part of modern Babylon, III. 183.
 BABINGTON, Anthony, conspirator against Elizabeth of England, XV. 600.
 BABINGTONITE, mineral, XVI. 417.
 BABIRUSSA, genus of ungulate mammals, XXII. 774.
 BABLE, Asturian dialect, II. 824; XXIII. 350.
 BABOONS, genus of apes, II. 152; XV. 477.
 BABOVISM, the communism of Babeuf, III. 180; XXII. 207.
 BABRIUS, or Babrias, Greek fabulist, III. 181; VIII. 838.
 BABUNGERA (Niam-Niam), Central-African race, XVII. 473.
 BABUYANES, islands, Philippines, XVIII. 751.
 BABY (Babi), Mohammedan sect in Persia, III. 180; XVIII. 650; XXII. 665.
 BABYLON, city, III. 182; as the capital of Alexander's empire, XVIII. 583; captivity of the Jews in, XIII. 417; under Medo-Persian rule, XVIII. 566, 572; carpets of, V. 128; embroideries, VIII. 161; wall-sculptures, XVII. 34.
 BABYLONIA, III. 183; chronology of, by Berosus, III. 607; geographical extent of, XVI. 50; contest with Israel, XIII. 379; conquest of, by Cyrus, VI. 753; Parthian kingdom of, XVIII. 592; coins of, XVII. 650; Jewish schools in, XIII. 429; language of, XXI. 649; pottery of, XIX. 604.
 BABYLONIAN CAPTIVITY OF THE CHURCH, Luther's work, XV. 78.
 BABYLONIAN COSMOGONIES, VI. 446.
 BABYLONIAN INSCRIPTIONS, XIII. 114.
 BABYLONIAN NUMERALS, XVII. 625.
 BABYLONIAN PHILOSOPHERS, I. 461.
 BABYLONIANS, II. 698; their religion, XX. 362; XXIII. 237.
 —, The, Aristophanes's comedy, II. 509.
 BABYLONICA, Greek novel, XX. 634.
 BACASIS (Manresa), ancient town, Spain, XV. 497.
 BACCARAT, town, France, III. 194.
 BACCHÆ, worshippers of Bacchus, XVII. 839.
 —, Euripides's play, VIII. 667.
 BACCHANALIA, Greek religious festivals, VII. 247.
- BACCHIADÆ, ruling family in ancient Corinth, VI. 397.
 BACCHIGLIONE, river, Italy, III. 194.
 BACCHUS, Roman god (the Greek Dionysus), VII. 248; II. 103; orgies of, XVII. 839; XXI. 137.
 BACCHYLIDES, Greek poet, III. 194.
 BACCIO DELLA PORTA, Italian painter, III. 194; XX. 275.
 BACH, Johann Sebastian, German musician, III. 194; XIX. 67; character of his music, XVII. 90.
 —, Karl Philip Emmanuel, German musical composer, III. 196; XIX. 67; as symphonist, XVII. 96.
 BACHE, Mount, California, U.S.A. XXIII. 801.
 —, Alexander Dallas, American physi-cist, III. 196.
 BACHELOR, III. 196.
 —, Knight, XIV. 117.
 — OF ARTS, university degree, XXIII. 835.
 BACHIAN (Batchian), island, Indian Archipelago, III. 197.
 BACILLARIACEÆ, former name of Diatomaceæ, VII. 169.
 BACILLUS, vegetable organism, XXI. 399.
 — ANTHRACIS, infective organism, XVII. 59; XXI. 400; XXII. 679.
 BACK, George, Arctic explorer, X. 193; XIX. 319, 320.
 BACKERGUNJE (Bakarganj), district, India, III. 247.
 BACKERS, Americus, pianoforte maker, XIX. 73.
 BACKGAMMON, game, III. 197.
 BACKHUYSEN, Ludolf, Dutch painter, III. 200.
 BACKING, in betting, III. 619.
 BACKLEYS, cattle of the Kaffres, V. 246.
 BACKOVSKY, F., Bohemian writer, XXII. 153.
 BACKSWORD, weapon, XXII. 801.
 BACKWARDATION, Stock Exchange term, I. 92.
 BACON, Francis (Lord Verulam), lord chancellor of England and philosopher, III. 200; VIII. 344; on aeronautics, I. 187; on astrology, II. 742; his cryptographic system, VI. 670; his logic, XIV. 791; his rhetoric, XX. 515; his theism, XXIII. 244; his place in English literature, VIII. 422.
 —, John, English sculptor, III. 218; XXI. 560.
 —, or Baconthorpe, John, learned English monk, III. 222.
 —, Sir Nicholas, keeper of the great seal, III. 218.
 —, Roger, English philosopher and scientist, III. 218; VIII. 409; XVI. 710; imprisoned by Pope Nicholas IV., XVII. 484; on alchemy, I. 464; his claim of power to fly, I. 186; his magical inventions, XV. 208; on mnemonics, XVI. 532; on optical glasses,

- xxiii. 135; on the travels of Friar William, xxi. 47.
- BACONTHORPE, John, learned English monk, iii. 222.
- BACSANYI, Janos, Hungarian poet, iii. 222; xii. 377.
- BACTERIA, vegetable organisms, xxi. 398; in animal tissues, xxii. 680; their power of resisting heat, iii. 680, 688.
- BACTERIUM, genus of Schizomycetes, xxi. 399, 405.
- BACTHIAN (Cachao), town, Anam, iv. 624.
- BACTRA (Balkh), ancient town, Afghanistan, iii. 282; i. 243.
- BACTRIA, or Bactriana, ancient country, Asia, iii. 222; xviii. 101; kingdom, xviii. 587, 589, 599, 603; conquest of, by Alexander, xv. 141; Greek colonies in, xviii. 583; language of, xviii. 653.
- BACUP, town, England, iii. 222.
- BADAGAS, hill tribes, India, xvii. 509.
- BADAGRY, town, West Africa, xxiv. 754.
- BADAJOS, province, Spain, iii. 223; viii. 564; xxii. 298.
- , town, Spain, iii. 223; capture of (1812), xxiv. 496.
- BADAKHSHAN, country, Central Asia, iii. 223, 241; rubies of, xxi. 48.
- BADALOCCHIO, Sisto (Rosa), Italian painter, iii. 224.
- BADARINATH, or Badrinath, town and temple, India, iii. 229; xi. 835.
- BADBURY, town, England, xxiv. 594.
- BADEN, grand-duchy, Germany, iii. 224.
- , town, Austria, iii. 227; mineral water of, xvi. 435.
- , town, Switzerland, iii. 227; mineral water of, xvi. 433.
- BADEN, town, Germany, iii. 226; mineral water of, xvi. 434.
- BADENOCH, Wolf of, brother of Robert III. of Scotland, xxi. 491.
- BADENWEILER, town, Baden, mineral water of, xvi. 433.
- BADGE, in heraldry, xi. 709.
- BADGER, group of carnivorous mammals, iii. 227; xv. 440; hibernation of, xi. 788; skins of, ix. 837.
- , Honey, xx. 288.
- BADHYZ, district, Transcaspian Region, Russia, xxiii. 512.
- BADIA Y LEBLICH, Domingo, Spanish traveller, iii. 227.
- BADIUS, Jodocus or Josse, Belgian printer, iii. 228.
- BADKU, government and town, Russia, iii. 258.
- BADMINTON, game, iii. 228.
- BADNUR, town, India, iii. 228.
- BAD PYRMONT, town, Germany, xxiv. 321.
- BADRINATH, town and temple, India, iii. 229; xi. 835.
- BADURIA, town, India, xxiii. 673.
- BÆDA (Bede, *q.v.*), early English historian, iii. 480.
- BAELE, tribe, North Central Africa, xxiii. 334.
- BAENA, town, Spain, iii. 229.
- , Alfonso de, Spanish writer, xxii. 355.
- BAENIDÆ, family of reptiles, xxiii. 457.
- BAER, Carl Ernst von, Russo-German naturalist, xxiv. 807; on embryology, viii. 165; xvi. 839; on evolution, viii. 749, 763; his law of development, xx. 421.
- BÆTICA (Andalusia), ancient Roman province, Spain, ii. 10; xxii. 307.
- BAEZA, town, Spain, iii. 229.
- BAFFIN, William, English navigator, iii. 229; x. 184; his northern explorations and discoveries, xix. 317.
- BAFFIN'S BAY, North America, iii. 229.
- BA-FING, river, West Africa, xxi. 660.
- BAFIOTE, people, West Africa, xiv. 742.
- BAGAMOYO, town, East Africa, xxiv. 768.
- BAGARIUS, genus of fishes, xxii. 68.
- BAGATELLE, game, iii. 229.
- BAGAY, Nouvelles Tables Astronomiques by, xxiii. 11.
- BAGEHÖT, Walter, English economist, xix. 396; viii. 259.
- BAGGER, Carl Christian, Danish writer, vii. 93.
- BAGGESEN, Jens Emmanuel, Danish humorist, iii. 230; vii. 92.
- BAGGIO, Anselmo (Pope Alexander II.), i. 486.
- BAGHDAD, province, Asiatic Turkey, iii. 231; xxiii. 653.
- , town, Asiatic Turkey, iii. 231; founding of, ii. 259; xvi. 579; caliphs of, i. 8; capture of, by the Mongols, xvi. 742; conquest of, by the Turks, xxiii. 645; observatory, xvii. 709; school of philosophy, ii. 267.
- BAGHERMI, or Bagirmi, district, Central Africa, iii. 234; i. 271; xxii. 279; group of Negroes, xvii. 319.
- BAGHMATI, or Bagmati, river, India, iii. 235; xvii. 340.
- BAGHTCHASARAI, town, Russia, iii. 249; vi. 586.
- BAGIMOND'S ROLL, Scotland, i. 491.
- BAGIRMI, district, Central Africa, iii. 234; i. 271; xxii. 279; group of Negroes, xvii. 319.
- BAGLEY, Thomas, Lollard preacher, xiv. 812.
- BAGLIONI, Gian Paolo and Rodolfo, tyrants of Perugia, xviii. 680.
- BAGLIVI, Giorgio, Italian physician, iii. 235.
- BAGMATI (Baghmati), river, Nepal, iii. 235; xvii. 340.
- BAGNACAVALLLO, Bartolommeo, Italian painter, iii. 235.
- BAGNÈRES-DE-BIGORRE, town, France, iii. 235; xx. 127; mineral waters of, xvi. 433.
- BAGNÈRES-DE-LUCHON, town, France, iii. 235.
- BAGNI, Casciano dei, town, Italy, v. 175.
- DI LUCCA, commune, Italy, xv. 39.
- BAGNOLES, mineral spring, France, xviii. 1.
- BAGNYON. Jean, French romancist, xx. 650.
- BAGOAS, Persian satrap, xviii. 581.
- BAGPIPE, musical instrument, iii. 235.
- BAGRADAS (Mejerda), river, North Africa, xxiii. 619.
- BAGRAT I.-IV., rulers of Georgia, x. 432.
- BAGRATION, Prince Peter, Russian general, iii. 235; xvii. 217.
- BAGRU, river, Sierra Leone, Africa, xxii. 45.
- BAGRUS, genus of fishes, xxii. 68.
- BAGURA (Bogra), district, India, iii. 859.
- BAHADUR, Sir Jung, ruler of Nepal, xvii. 344.
- BAHALUL, jester of Haroun al Raschid, ix. 366.
- BAHAMAS, islands, West Indies, iii. 236; xxiv. 510.
- BAHARA SAPHINQUE, sulphur mine, on Red Sea, xxii. 634.
- BAHA-UDDIN WALAD, Persian doctor, xxi. 59.
- BAHIA, province and town, Brazil, iii. 239.
- BAHIR, Midrash, xvi. 287.
- BAHIUDA, desert, Nubia, Africa, xvii. 610.
- BAHRAICH, district and town, India, xviii. 72.
- BAHR AL-ABIAD (White Nile), river, Africa, i. 48; ii. 62; xvii. 506, 508.
- BAHR AL-ASWAD, or Atbara, tributary of the Nile, Africa, ii. 62, 827; xvii. 507, 508.
- BAHR AL-AZRAK (Blue Nile), river, Africa, ii. 62; xvii. 507.
- BAHR AL-GHAZAL, tributary of the Nile, Africa, xvii. 506.
- BAHR AL-JEBEL, headwaters of the Nile, Africa, xvii. 505, 507.
- BAHR AL-ZERAF, branch of the Nile, Africa, xvii. 506.
- BAHRAM I.-II., kings of Persia, xviii. 608.
- III., of Persia, xviii. 609.
- IV.-V., of Persia, xviii. 610.
- CHOBIN, Persian general, xviii. 613.
- KHAN, Turkoman noble, i. 434.
- BAHRDT, Karl Friedrich, German theologian, iii. 240.
- BAHREIN, island, Persian Gulf, iii. 240; ii. 254; pearl fisheries of, xviii. 447.
- BAHR EL-ASWAD. See Bahr al-Aswad.

- BAHREYN (Bahrein, *q.v.*), island, Persian Gulf, III. 240; II. 254.
- BAHRIYA, oasis, Africa, XVII. 695.
- BAHR-YOOSUF, canal, Egypt, VII. 710.
- BAIÆ, ancient town, Italy, III. 240; II. 221; bay of, XVII. 188.
- BAIBURT, town, Asiatic Turkey, III. 240.
- BAIERN (Bavaria, *q.v.*), III. 453.
- BAIE ST PAUL, town, Canada, XX. 167.
- BAIF, Jean Antoine de, French poet, III. 240; IX. 650; XX. 841.
- BAIKAL, Lake, Siberia, III. 241; XIV. 217; XXII. 5; XXIII. 510.
- BAIKALITE, mineral, XVI. 416.
- BAIKIE, William Balfour, African explorer, III. 241.
- BAIL, in law, III. 241.
- BAILEN, or Baylen, town, Spain, III. 241.
- BAILEY, in architecture, II. 460.
- , or Baily, Nathanael, English lexicographer, III. 241.
- , Samuel, English philosopher, III. 241.
- BAILIE, Captain, Erskine's defence of, VIII. 530.
- BAILIFF, ancient magistrate, IV. 62.
- BAILLET, Adrien, French writer, III. 242.
- BAILLEUL, town, France, III. 242; XVII. 535.
- BAILLIE, Joanna, English writer, III. 243.
- , Matthew, anatomist and physician, III. 243; XV. 813.
- , Robert, Scottish Presbyterian divine, III. 243.
- BAILLY, Jean Sylvain, French astronomer and Revolutionist, III. 244.
- BAILEMENTS, in law, VII. 239.
- BAILY, Edward Hodges, English sculptor, III. 245; XXI. 561.
- , Francis, English astronomer, III. 245.
- , Nathanael, English lexicographer, III. 241.
- BAIN, Alexander, on the beautiful, I. 223; on education, VII. 678; on emotional expression, XX. 43; on psychology of belief, III. 534.
- BAINBRIDGE, John, English physician and astronomer, III. 245.
- BAINES, Edward, English journalist, III. 245.
- , Matthew Talbot, English lawyer, III. 245.
- BAINI, Giuseppe, Italian musician, III. 246.
- BAINSHA, tame buffalo, IV. 442.
- BAIRAKTAR, Turkish vizier, XXIII. 648.
- BAIRAM, Turkish festival, III. 246.
- ALI, town, Merv, Asia, XVI. 43.
- BAIRAMITCH, Plain of, Asia Minor, XXIII. 578.
- BAIRD, Sir David, British general, III. 246.
- , Spencer F., on North American birds, XVIII. 16; on American fisheries, IX. 267.
- BAIREUTH, or Bayreuth, town, Bavaria, III. 246; Wagner's opera-house at, XXIV. 316.
- BAIRUT (Beyrout, *q.v.*), town, Syria, III. 622.
- BAISA BOL, gum resin, XVII. 121.
- BAISI, district, Nepal, XVII. 340.
- BAISUN, town, Hissar, Central Asia, XII. 3.
- BAIT, in angling, II. 35; mussels as, XVII. 110.
- BAITARANI, river, India, V. 243.
- BAITOO, or Betul, district, India, III. 619.
- BAIZE, coarse woollen stuff, IX. 292.
- BAJA, town, Hungary, III. 246.
- , town, Tunis, XXIII. 620.
- BAJAZET, or Bayezid, I., Turkish sultan, III. 247; XXIII. 641.
- II., Turkish sultan, III. 247; XXIII. 642.
- , Racine's drama, XX. 207.
- BAJAZID, town, Armenia, III. 458.
- BAJREE, Egyptian millet, XVI. 321.
- BAJUS, Michael (De Bay), Belgian theologian, III. 247.
- BAJZA, Joseph, Hungarian poet, III. 247; XII. 378.
- BAKARGANJ, district, India, III. 247.
- BAKEL, town, Senegal, Africa, XXI. 660.
- BAKER, Henry, English physicist, III. 249.
- , J. G., on the varieties of the potato, XIX. 595.
- , Sir Richard, English chronicler, III. 249.
- , Sir Samuel, his Egyptian expedition, I. 248; his Nile explorations, XVII. 506.
- , Thomas, English antiquary, III. 249.
- , Mount, Cascade Mountains, U.S.A., XXIII. 800.
- BAKERIES, Public, in Rome, III. 250.
- BAKEWELL, town, England, III. 249.
- , Robert, English agriculturist, I. 302.
- BAKHCHISARAI, or Baghtchasarai, town, Russia, III. 249; VI. 586.
- BAKHMUT, town, Russia, III. 250.
- BA-KHOY, river, Senegal, West Africa, XXI. 660.
- BAKI, Ottoman elegiac poet, XXIII. 656.
- BAKING, III. 250; of meat, VI. 332.
- BAKU, government and town, Russia, III. 258; XXI. 69; XXIII. 513, 514.
- BAKUNIN, Michael, Russian socialist, XIII. 190; XXII. 216.
- BAKYR TCHAI, river, Asia Minor, II. 708.
- BALA, town, Wales, III. 258; lake, XVI. 39.
- BALAAM, of Scripture, III. 258.
- BALACLAVA, harbour, Crimea, Russia, VI. 587.
- BALADHORI, Moslem historian, XVI. 596.
- BALÆNA, genus of cetacean mammals, XXIV. 523; XV. 395.
- BALÆNICEPS, genus of birds, XXII. 577.
- BALÆNOIDEA, suborder of Cetacea, XV. 394.
- BALÆNOPTERA, genus of cetacean mammals, XXIV. 524; XV. 395.
- BALÆUS, of Aleppo, Syriac writer, XXII. 828.
- BALAFRÉ (Francis of Guise), French soldier, XI. 266.
- BALAGHAT, district, Central India, III. 260.
- , The, tracts of hill country, India, V. 608; XXI. 210.
- BALAI (Balaus), Syriac writer, XXII. 828.
- BALAMIR, leader of the Huns, XII. 381.
- BALANCE, measuring apparatus, III. 261; automatic, XVI. 490; spring, invention of, XII. 149.
- , Compensation, for watch, XXIV. 395.
- OF POWER, III. 267.
- BALANCING LETTER, The, Somers's pamphlet, XXII. 257.
- BALANIDÆ, suborder of Crustacea, VI. 651, 665.
- BALANINUS, genus of insects, XXIV. 477.
- BALANOGLOSSUS, species of worms, XXIV. 179, 187.
- BALANOPHORACEÆ, parasitic plants, XVIII. 266.
- BALANTES, people, Senegambia, XXI. 662.
- BALANTIUM, genus of tree-ferns, XXIII. 534.
- BALARUC, France, mineral water of, XVI. 434.
- BALAS, Alexander, Syrian ruler, I. 846; XIII. 422.
- BALASH, king of Persia, XVIII. 611.
- BALASHOFF, town, Russia, XXI. 305.
- BALASOR, district, India, III. 272; town, III. 273; XVII. 845.
- BALAS RUBY, XXI. 48.
- BALASSA-GYARMAT, town, Hungary, XI. 346.
- BALATA GUM, substitute for gutta percha, XI. 339.
- BALATON, Lake, Hungary, III. 171; XII. 362.
- BALBI, Adrian, Italian geographer, III. 273.
- BALBIN, Aloys B., Bohemian Jesuit historian, XXII. 152.
- BALBO, Cesare, Italian writer and statesman, III. 273; XIII. 487, 516.
- BALBOA, Vasco Nuñez de, Spanish navigator, XXV. — 6

- gator and explorer, III. 273; XVIII. 115; discovers Pacific Ocean, X. 182.
- BALBRIGGAN, town, Ireland, III. 274.
- BALBULUS, Notker, musical composer, XVII. 597.
- BALDACHIN, canopy, II. 462; XXIII. 723.
- BALDASARRE D' ANNA, Venetian painter, II. 60.
- BALDE, Jakob, modern Latin poet, III. 274.
- BALD EAGLE, bird, VII. 590.
- BALDER, Norse divinity, III. 275; I. 210; XVII. 156.
- , Dobell's poem, VII. 307.
- BALDI, Bernardino, Italian mathematician, III. 274.
- BALDINGER, Ernest Gottfried, German physician, III. 275.
- BALDINI, Baccio, Italian engraver, VIII. 441.
- BALDINUCCI, Filippo, Italian writer, III. 275.
- BALDNESS, skin affection, XXII. 121.
- BALDOON CASTLE, Wigtown, Scotland, XXIV. 563.
- BALDOVINETTI, Alessio, Italian painter, III. 275.
- BALD PEAK, mountain, Massachusetts, U.S.A., XXIII. 792.
- BALDUCCIO DI PISA, Italian sculptor, XIX. 122; XXI. 568.
- BALDUINUS, Jacobus, Italian jurist, III. 275.
- BALDUNG, Hans (Grün), German painter, XI. 224.
- BALDUR, or Balder, Norse divinity, III. 275; I. 210; XVII. 156.
- BALDUS, Italian jurist, III. 276.
- BALDWIN, Byzantine emperor (IX. of Flanders), VI. 629.
- I.—IX., counts of Flanders, IX. 290, 291.
- I.—V., kings of Jerusalem, VI. 627; XXIII. 161.
- I., of Jerusalem, VI. 627; IX. 538.
- , Thomas, archbishop of Canterbury, III. 276.
- BALDY, mountain, New Mexico, U.S.A., XVII. 399.
- BÄLE (Basel, *q.v.*), canton and town, Switzerland, III. 408.
- BALE, John, bishop of Ossory, III. 276; XIII. 263.
- BALEARIC ISLANDS, Spain, III. 276; XV. 820; XXII. 298; pottery of, XIX. 623; their historical connexion with Spain, XXII. 323.
- BALEARICUS, Metellus, colonizer of Majorca, XVIII. 191.
- BALEEN, whalebone, XV. 394; XXIV. 523, 528.
- BALES, Peter, shorthand writer, III. 279; XXI. 836.
- BALFE, Michael William, musical composer, III. 279.
- BALFOUR, Arthur J., on philosophic doubt, XXI. 383.
- BALFOUR, Francis M., on embryology, XX. 418; VIII. 169.
- , Sir James, Scottish antiquary, III. 280.
- , Sir James, Scottish judge, III. 280.
- , Robert, Scottish scholar, III. 280; XXI. 543.
- BALFROOSH, town, Persia, III. 280.
- BALGUY, John, English moralist, III. 280.
- BALI, island, Indian Archipelago, III. 281; birds of, III. 764.
- BALIA, magistracy of Florence and Siena, XV. 785; XXII. 41.
- BALIER, Heinrich der, German sculptor, XXI. 565.
- BALIOL, Edward, claimant of the Scottish throne, VIII. 318; XXI. 489.
- , John, king of Scotland, VIII. 312; XX. 592; XXI. 486.
- , or Balliol, Sir John de, English baron, III. 282.
- BALISTES, genus of fishes, IX. 161.
- BALKAN MOUNTAINS, Turkey, III. 282.
- BALKANS, Great and Little, mountains, Transcaspian Region, Russia, XXIII. 511.
- BALKASH, Lake, Central Asia, XIV. 217; XXI. 640.
- BALKH, river and province, Afghanistan, I. 242, 243; town, III. 282.
- BALKIZ, town, Asia Minor, VI. 753.
- BALL, John, English Puritan divine, III. 282.
- BALLADES, Early French, IX. 644.
- BALLAD OPERAS, English, XVII. 99.
- BALLADS, III. 283, 288; of romance literature, XX. 632; Servian, XXI. 690.
- BALLALAS, dynasty of Mysore, India, XVII. 123.
- BALLANCHE, Pierre Simon, French moralist, III. 285.
- BALLANTYNE, John and James, Scottish printers, their relations with Scott, XXI. 548.
- BALLARAT, town, Australia, III. 286.
- BALLARI (Bellary), district and town, India, III. 286.
- BALLATER, village, Scotland, III. 287.
- BALLENSTEDT, town, Germany, III. 287.
- BALLENY ISLAND, South Polar regions, XIX. 330.
- BALLET, theatrical representation, III. 288; VI. 800; of action, XVIII. 215.
- , variety of song, XVII. 84.
- BALLEY, mountain, California, U.S.A., XXIII. 801.
- BALL-FLOWER, in architecture, II. 460.
- BALLINA, town, Ireland, III. 288; XXII. 159.
- BALLINASLOE, town, Ireland, III. 288; X. 56.
- BALLINROBE, town, Ireland, XV. 650.
- BALLIOL, Sir John de, English baron, III. 282.
- COLLEGE, Oxford, XVIII. 96.
- BALLISTICS, theory of gunnery, XI. 297.
- BALLONS, rounded summits in Vosges Mountains, France, XXIV. 298.
- BALLOON, I. 187; electric motors for, XXIII. 496.
- POST, XIX. 581.
- BALLOT, system of voting, III. 288.
- BALLOT'S LAW OF THE WINDS, XVI. 147.
- BALLOT Y TORRES, Joseph Pau, Spanish writer, XXII. 364.
- BALLOU, Hosea, American Universalist, XXIII. 831.
- BALLSPIEL, German tennis, XXIII. 179.
- BALLYBLAY, town, Ireland, XVI. 718.
- BALLYCASTLE, town, Ireland, III. 292.
- BALLYMENA, town, Ireland, III. 292.
- BALLYMORE, fort, Westmeath, Ireland, XXIV. 513.
- BALLYMOTE, town, Ireland, XXII. 159.
- , Book of, Irish MS., v. 306.
- BALLYSADARE, river, Ireland, XXII. 159.
- BALLYSHANNON, town, Ireland, III. 292; VII. 362.
- BALM, perennial herb, XII. 289.
- BALMER, E. J., his law in spectroscopy, XXII. 379.
- BALMERINO, Lord, Scottish Jacobite, trial of, XXI. 511.
- BALMEZ, or Balmes, Jaime Lucien, Spanish writer, III. 292; XXII. 362.
- BALM OF GILEAD, oleo-resin, III. 293; used as incense, XII. 718.
- BALMORAL CASTLE, Aberdeenshire, Scotland, III. 292.
- BALNAVES, Henry, Scottish Protestant, III. 292; XIV. 130.
- BALNEÆ, Roman baths, III. 434.
- BALNEUM MARIE, process in alchemy, I. 462.
- BALQUHIDDER, district, Scotland, XVIII. 667.
- BALSAM, oleo-resin, III. 292; II. 237; XX. 474; used as incense, XII. 718.
- BOG, vegetable production, Falkland Islands, IX. 15.
- FIR, American tree, XXIII. 809.
- MOUNTAIN, Virginia, U.S.A., XXIII. 794.
- BALSAMO, Joseph (Count Cagliostro), adventurer, IV. 641.
- BALSAMODENDRON, genus of trees, III. 293; XVII. 121.
- BALSAR, town, India, XXII. 667.
- BALTA, town, Russia, III. 293; XIX. 254.
- BALTAJI MUHAMMED, Turkish vizier, XXIII. 646.
- BALTARD, Louis Pierre, French engraver, III. 293.
- BALTI, district, Tibet, XIV. 198.
- BALTIC LANGUAGES, XVIII. 785.
- BALTIC SEA, III. 293; X. 447; XXII. 737; amber deposits of, I. 659.
- BALTIMORE, town, Maryland, U.S.A., III. 298; XV. 603; XXIII. 822; libraries, XIV. 550; newspapers, XVII. 434.

- BALTIMORE, Lord, governor of Newfoundland, iv. 713; xvii. 385; his settlement of Maryland, xv. 605; his relations with Penn, xviii. 495.
- BALTIMORITE, mineral, xvi. 414.
- BALUCHES, race of people, Asia, i. 235; iii. 303.
- BALUCHISTAN, country, Asia, iii. 299.
- BALUE, Jean, French cardinal, iii. 303.
- BALUSAN, volcano, Philippines, xviii. 749.
- BALUZE, Étienne, French scholar, iii. 304.
- BALZAC, Honoré de, French novelist, iii. 304; ix. 679.
- , Jean Louis Guez de, French writer, iii. 305; ix. 659.
- BAM, town, Persia, xviii. 627, 628.
- BAMBA, province of Congo, Africa, iii. 305.
- , town, Niger, Africa, xvii. 500.
- BAMBARA, people, Senegambia, xxi. 662.
- BAMBARRA, country and town, Soudan, Africa, iii. 305; i. 271; xxii. 279.
- BAMBERG, town, Bavaria, iii. 305; sculptures in cathedral, xxi. 564; university, xxiii. 846.
- BAMBOROUGH, village, England, iii. 306.
- BAMBOO, plant, iii. 305; xi. 54; its use in wicker-work, iii. 423.
- BAMBOUK, country, West Africa, iii. 306.
- BAMIAN, ancient town, Afghanistan, iii. 307; caves of, i. 244.
- BAM-I-DUNIA, plateau, Central Asia, xviii. 102.
- BAMLITE, mineral, xvi. 408.
- BAMPTON, John, English divine, founder of Bampton Lectures, iii. 307.
- BAMPUR, town, Persia, xviii. 627.
- BANANA, plant and fruit, iii. 307; xix. 176; introduction of, into Polynesia, xix. 419.
- , town, Loango, Africa, xiv. 743.
- BANAS, river, Rajputana, India, xx. 260; xxii. 98.
- BANASA, town, Mauretania, Africa, xv. 637.
- BANAT, district, Hungary, iii. 308; xvi. 295.
- BANAZ OVA, plateau, Asia Minor, xviii. 853.
- BANBRIDGE, town, Ireland, iii. 308.
- BANBURY, town, England, iii. 308.
- BANCA, island, Indian Archipelago, iii. 308; birds of, iii. 763; tin, xvi. 469.
- BANCROFT, George, American historian, i. 723.
- , Richard, archbishop of Canterbury, iii. 308.
- BAND, in architecture, ii. 460.
- BANDA, district, India, iii. 309.
- ISLANDS, Indian Archipelago, iii. 309; nutmegs of, xvii. 666.
- BAND AMIR, river, Persia, xxi. 829.
- BANDA NIAM-NIAM, Central African tribes, xvii. 473.
- BANDA ORIENTAL (Uruguay), country, South America, xxiv. 14; invasion of, by Brazil, ii. 491.
- BANDAR-ABBAS (Bender Abbasi), town, Persia, iii. 557; xviii. 620, 627.
- BANDELLO, Matteo, Italian novelist, iii. 310; xiii. 510.
- BANDE NERE, Giovanni delle (Medici), xv. 787.
- BANDERESI, mediæval Roman officials, xx. 802.
- BANDICOOT, marsupial mammal, Australia, iii. 111; xv. 381.
- , Great, rodent mammal, India, xii. 743; xvii. 5.
- BANDINELLI, Bartolommeo, Italian sculptor, iii. 310.
- BANDINI, Angelo Maria, Italian writer, iii. 310.
- , Salustio Antonio, Italian economist, xix. 362; xxii. 43.
- BAND OF HOPE SOCIETIES (Temperance), xxiii. 159.
- BANDOL, town, France, xxiv. 69.
- BANDON, town, Ireland, iii. 311; river, vi. 403.
- BANDRA, town, India, xxiii. 221.
- BANDUNG, town, Java, xiii. 606.
- BANFF, town, Scotland, iii. 311.
- BANFFSHIRE, county, Scotland, iii. 311; area and population, xxi. 528; representation, xxiii. 727.
- BANG, Stephensen, Norse writer, xvii. 589.
- BANGALORE, town, India, iii. 313; xvii. 123.
- BANGKA (Banca, *q.v.*), island, Indian Archipelago, iii. 308.
- BANGKALANG, town, Madura, Indian Archipelago, xv. 193.
- BANGKOK, town, Siam, iii. 313; xxi. 852.
- BANGOR, town, Ireland, iii. 314.
- , town, Maine, U.S.A., iii. 314.
- , town, Wales, iii. 314; University College at, xxiii. 856.
- BANGORIAN CONTROVERSY, vi. 328; xii. 29.
- BANGWEOLO, Lake, Central Africa, i. 248; xxiv. 763; discovery of, by Livingstone, xiv. 722.
- BANIALUKA, town, Turkey, iii. 314.
- BANIANA (Baena), ancient town, Spain, iii. 229.
- BANIER, Abbé, on mythology, xvii. 137.
- BANIM, John and Michael, Irish novelists, iii. 314.
- BANJARMASSIN, district and town, Borneo, iii. 315; river, iv. 56.
- BANK AND BANKING, iii. 315.
- BANKA (Banca, *q.v.*), island, Indian Archipelago, iii. 308.
- BANK CLEARING HOUSE, London, i. 91.
- BANKEN VELD, district of Transvaal, South Africa, xxiii. 518.
- BANKING, iii. 315; communistic views of, vi. 214; in United States, xxiii. 766, 776.
- BANKIVA JUNGLE FOWL, xix. 644.
- BANK OF ENGLAND, iii. 316, 329; founding of, xi. 386; xviii. 359; its relations with the Mint, xvi. 485.
- BANK OF FRANCE, origin of, xiv. 367.
- BANKRUPTCY, in law, iii. 341.
- BANKS, of Newfoundland, xvii. 382.
- , Sir Joseph, president of the Royal Society, iii. 345; xxi. 39; his patronage of Robert Brown, iv. 386.
- , Savings, xxi. 327.
- ISLANDS, Melanesia, Pacific Ocean, xv. 835; xvii. 396.
- OF ISSUE, iii. 315.
- BANKURA, district and town, India, iii. 346.
- BANMO (Bhamo), town, Burmah, iii. 627.
- BANN, river, Ireland, iii. 346.
- BANNACKS, American Indians, xii. 832.
- BANNATYNE, George, early Scottish writer, xxi. 542.
- BANNER, of knight, xiv. 117; military, ix. 276.
- BANNERET, Knight, grade of knighthood, iii. 346; xiv. 117, 119.
- BANNOCKBURN, town, Scotland, iii. 347; xxii. 554; battle of (1314), vii. 683; viii. 313; xx. 594; xxi. 488.
- BANNOVALLUM (Horncastle), Roman fort, Lincolnshire, England, xii. 170.
- BANNS, Marriage, xv. 566.
- BANNU, district, India, xx. 109.
- BANQUETERS, The, comedy of Aristophanes, ii. 509.
- BANQUETS, sacrificial, xxi. 134.
- BANQUETTE, in fortification, ix. 421.
- BANSHEE, of fairy mythology, v. 300.
- BANSWARA, tributary state, India, iii. 347; xx. 260.
- BANTAM, residency, Java, xiii. 605; town, iii. 347.
- FOWLS, poultry, xix. 646.
- BANTING, William, on corpulence, vi. 436.
- BANTRY, town, Ireland, iii. 347.
- BANTU, groups of Negroes, xii. 312; xvii. 319; xxii. 729; languages, xiii. 820; xvii. 318; xviii. 780; xxii. 729; xxiv. 827.
- BANU, district, India, iii. 347.
- NADIR, Jewish family in Medina, xvi. 556.
- BANVILLE, Théodore de, French critic, xiv. 206.
- BANYAK ISLANDS, Sumatra, xxii. 639.
- BANYAN, tree, iii. 348; iv. 94.
- BANYANS, race, Mozambique, xvii. 7.
- BANYUMAS, town, Java, xiii. 606.
- BANYUWANGI, town, Java, xiii. 606.
- BAOBAB, tree, i. 268; ix. 408; xxi. 662; xxii. 278.
- BAPHOMET, alleged symbol of Knights Templars, iii. 348.

- BAPTISM, Christian sacrament, III. 348; XXI. 131, 139; Luther's views on, XV. 78; St Paul's doctrine, XVIII. 428; Quaker doctrine, XX. 150; registration of, XX. 343; sponsors at, XXII. 429.
- BAPTIST, John the, XIII. 709.
- BAPTISTERY, chapel for baptism, III. 352; IX. 361; in the Catacombs, v. 211.
- BAPTISTS, religious denomination, III. 353.
- , Freewill, in America, IX. 762.
- BAQUEROS, nomadic clan, Asturias, II. 824.
- BAR, at mouth of a river, X. 277; XX. 575.
- , town, Russian Poland, III. 356; confederation of (1768), XIX. 297.
- , The legal, Costumes of, VI. 476.
- BARA, tribe, Madagascar, XV. 171.
- BARABA, steppe, Siberia, XXIII. 429.
- BARA BANKI, district, India, III. 357.
- BARABA TARTARS, Ural-Altaic tribe, XXIII. 70.
- BARA-BUDUR, Temple of, Java, XIII. 609.
- BARADA, river, Damascus, VI. 790.
- BARADÆUS, Jacobus, Syrian monk, founder of the Jacobite sect, VI. 354; XIII. 539; XXII. 832.
- BARADLA, stalactite grotto, Hungary, I. 420.
- BARAHAT, town, India, III. 357.
- BARAK, river, India, XV. 489.
- BARAKHATTA, town, India, XX. 272.
- BARAKISH, Minæan town, Arabia, XXIV. 740.
- BAR ALI, Syriac lexicographer, XXII. 847.
- BARAMAHAL, tract in Salem district, India, XXI. 210.
- BARAMGALI, fort, Kashmir, XIV. 11.
- BARAMINDANA, prince of Mandingo, Africa, XV. 475.
- BARANGAR, town, India, XXIII. 673.
- BARANTE, Amable G. P., French statesman and historian, III. 357.
- BARANYA, province, Hungary, III. 357.
- BARANZANO, Jean Antoine, Italian scientist, III. 358.
- BARASAT, town, India, III. 358; XXIII. 673.
- BARAT, Tibetan festive exhibition, XIV. 501.
- BARATIÈRE, John Philip, precocious scholar, III. 358.
- BARATYNSKI, Jewgenij Abramovitch, Russian poet, III. 358.
- BARBA, district, Central Africa, IV. 54.
- BARBACENA, town, Brazil, III. 358.
- BARBADOS, island, West Indies, III. 358; XXIV. 510.
- , LEG, or Elephantiasis, disease, VIII. 126.
- BAR BAHLUL, Syriac lexicographer, XXII. 849.
- BARBARELLA, Giorgio (Giorgione), Italian painter, X. 607.
- BARBARIAN, origin of the name, III. 463.
- , LAWS, Teutonic codes, XXI. 212.
- BARBARO, Venetian envoy to Persia, XVIII. 633.
- BARBAROSSA, Aruch and Khair ed-Din, Turkish corsairs, III. 362; I. 565; XXI. 621, 643.
- , (Frederick I.), emperor, IX. 729; X. 489; XIII. 374; his struggle with Adrian IV., I. 165; his homage to Alexander III., I. 487; in Italy, XIII. 472; his patronage of Bologna university, XXIII. 833.
- BARBARY, country, North Africa, III. 363; I. 265.
- BARBASTELLE BAT, XV. 410.
- BARBASTRO, town, Spain, III. 363.
- BARBAULD, Anna Letitia, English writer, III. 363.
- BARBEL, fish, XII. 692; angling for, II. 42; Indian, XV. 285.
- BARBER, III. 363.
- BARBERI, races of riderless horses, at Rome, v. 124.
- , Philip de, inquisitor, XIII. 93.
- BARBERINI, Italian family, III. 363.
- , Maffeo (Pope Urban VIII.), III. 363; XXIV. 9.
- BARBERINO, Francesco da, Italian writer, XIII. 501.
- BARBER OF SEVILLE, Rossini's opera, XX. 861.
- BARBERTON, town, Transvaal, Africa, XXIII. 518.
- BARBET, bird, XX. 101.
- BARBETS (Camisards), Huguenot sect, IV. 743.
- BARBETTE, in fortification, IX. 432.
- , WAR-SHIPS, XVII. 286.
- BARBEYRAC, Jean, French jurist, III. 363.
- BARBIERE DI SIVIGLIA, Rossini's opera, XX. 861.
- BARBIERI, Giovanni Francesco (Guer-cino), Italian painter, III. 364.
- , Paolo Antonio, Italian painter, III. 364.
- BARBO, Pietro (Pope Paul II.), XVIII. 430.
- BARBOSA DU BOCAGE, Portuguese poet, XIX. 557.
- BARBOUR, John, Scottish poet, III. 364; VIII. 395.
- BARBUDA, island, West Indies, III. 366.
- BARCA (El-Medinah), ancient town, Cyrenaica, North Africa, III. 366; —, district, North Africa, III. 366; XXIII. 574.
- BARCELONA, province, Spain, XXII. 298.
- , town, Spain, III. 366; XXII. 298; libraries of, XIV. 549; siege of (1705), XVIII. 701.
- , County of, Spain, XXII. 311.
- BARCHESTER TOWERS, Anthony Trol-lope's novel, XXIII. 585.
- BARCLAY, Alexander, English poet, III. 368; XVIII. 345.
- , David, Scottish Quaker, XX. 152.
- , John, author of *Argenis*, III. 369.
- , John, founder of a Scottish sect, III. 369.
- , John, Scottish anatomist, III. 369.
- , J. G., his observatory at Leyton, Essex, England, XVII. 711.
- , Robert, Scottish Quaker and writer, III. 369; XVIII. 496; XX. 148.
- , William, Scottish jurist, III. 370; XXI. 543.
- , DE TOLLY, Michael, Russian general, III. 370; XVII. 217.
- BAR-COCHEBAS, Jewish leader, III. 370; XIII. 428.
- BARD, ancient Celtic poet, III. 370; v. 318. See Bards.
- BARDANES, Byzantine general, XVII. 481.
- , PHILIPPICUS, emperor of the East, XIII. 798; XVIII. 748.
- BARDAS, Cæsar, regent of Constantinople, XVIII. 819.
- BAR-DEISAN (Bardanes), Gnostic and Syriac writer, III. 370; X. 703; XXII. 827; XXIV. 38.
- BARDEN TOWER, Yorkshire, England, XXIV. 749.
- BARDESANES, Gnostic and Syriac writer, III. 370; X. 703; XXII. 827; his relations to Valentinianism, XXIV. 38.
- BARDIA, island, Malay Peninsula, XV. 321.
- BARDIGLIO, kind of Italian marble, XV. 528.
- BARDILI, Christoph Gottfried, German metaphysician, III. 371.
- BARDO, town, Tunis, XXIII. 622.
- BARDS, III. 370; early British, II. 650; early Irish, XIII. 250; Welsh, v. 318; VII. 791.
- BARDSEY, island, Wales, III. 371.
- BARDULUM (Barletta), ancient town, Italy, III. 376.
- BARDWAN, district and town, India, III. 371.
- BARDYLIS, Illyrian chief, XII. 709.
- BARÉGES, town, France, III. 372; mineral water of, XVI. 435.
- BAREILLY, district and town, India, III. 372.
- BARELI, or Bareilly, district and town, India, III. 372.
- BARENTS, William, Dutch navigator, X. 184; XIX. 317.
- , LAND, island, Spitzbergen, XXII. 408.
- , SEA, Arctic Ocean, XVII. 592, 604.
- BARÈRE DE VIEUZAC, Bertrand, French Revolutionist, III. 373.
- BARETTI, Giuseppe, Italian critic, III. 374; XIII. 512.

- BARETTIER (Baratière), John Philip, precocious scholar, III. 358.
- BARFF, John, on wool, I. 398.
- BARFLEUR, town, France, III. 374.
- BARFURUSH, or Balfroosh, town, Persia, III. 280.
- BARGAGLI, Scipione, Siennese writer, XXII. 43.
- BARGE, boat, XXI. 30.
- BOARD, in architecture, II. 475.
- BARGES, lighthouse, Sables d'Olonne, France, XXI. 129.
- BARGUERLAC, bird, XXI. 259.
- BARGUZIN, river, Transbaikalia, Russia, XXIII. 510; town, XXIII. 511; mountains, XXII. 3; XXIII. 509.
- BARH, town, India, XVIII. 409.
- BARHAM, Richard Harris, English humorist, III. 374.
- BAR-HEBRÆUS (Abulfaragius), Syriac and Arabic writer, I. 60; XXII. 853; XXIII. 5.
- BARI, Mola di, town, Italy, XVI. 608.
- , Terra di, province and town, Italy, III. 374.
- BARI DOAB, tract, Punjab, India, XX. 107.
- BAR-IDTA, Syriac writer, XXII. 838.
- BARINAS, town, Venezuela, XXIV. 140.
- BARISAL, town, India, III. 248.
- BARISAN MOUNTAINS, Sumatra, XXII. 638.
- BARISANOS, Italian metal-worker, XVI. 760.
- BARITO, river, Borneo, IV. 56.
- BARIUM, chemical element, V. 525.
- (Bari), ancient town, Italy, III. 375.
- BARK, of trees, IV. 101; used in tanning, XIV. 381.
- BARKAYA, Simeon, Syriac writer, XXII. 838.
- BARKER, Robert, inventor of panoramas, XVIII. 214.
- , Thomas, English writer on angling, XXIV. 342.
- BARKHANS, sand-dunes, Syr-Daria, Asia, XXII. 820.
- BARKING, town, England, III. 375.
- BARKIYAROK, Seljuk ruler, XXI. 635.
- BARKOMETER, hydrometer for tan liquors, XIV. 383.
- BARLAAM, monk, condemns Hesychasm in Greek Church, XI. 782.
- AND JOSAPHAT, Sts, Story of, III. 375; XX. 636.
- BAR-LE-DUC, town, France, III. 356.
- BARLETTA, town, Italy, III. 376.
- BARLEY, cereal plant, III. 376; use of, in brewing, IV. 266; culture of, I. 358; experiments in manuring, XV. 507.
- SUGAR, confection, VI. 257.
- BAR-LINES, in music, XVII. 82.
- BARLINGS OXNEY, abbey, Lincolnshire, England, XIV. 656.
- BARLOW, Sir George, governor-general of India, XII. 805.
- , Joel, American poet, III. 377.
- BARLOW, Peter, English mathematician, III. 377; on magnetic induction, XV. 250.
- BARM, yeast, XXIV. 734.
- BARMAK, founder of the Barmecides, III. 377.
- BARMECIDES, Persian family, III. 377; XVI. 581.
- BARMEN, town, Rhenish Prussia, III. 377; XX. 16.
- BARMOUTH, town, Wales, XVI. 39.
- BARNABAS, St Paul's companion, III. 377; XVIII. 417.
- , Epistle of, early Christian work, II. 197; its relation to the Gospels, X. 815.
- BARNABITE MONKS, XVI. 711.
- BARNABY RUDGE, Dickens's novel, VII. 176.
- BARNACLES, their distribution, VII. 279.
- BARNARD, Henry, American educationist, VII. 679.
- CASTLE, town, England, III. 378.
- BARNAUL, town, Siberia, III. 378; XXII. 11; XXIII. 439.
- BARNAVE, Antoine Pierre, French orator, III. 378.
- BARNES, Albert, American expositor, III. 379.
- , Joshua, English scholar, III. 379.
- , Thomas, English journalist, XVII. 418.
- , William, Dorset poems of, VII. 372.
- BARNET, town, England, III. 379.
- BARNEVELDT, Jan van Olden, Dutch statesman, III. 379; XII. 77.
- BARNFIELD, Richard, English pastoral poet, XVIII. 347.
- BARNESLEY, town, England, III. 380; XXIV. 748.
- BARNSTABLE, town, Massachusetts, U.S.A., III. 380.
- BARNSTAPLE, town, England, III. 380.
- BARNUEVO, Pedro de Peralta y, Peruvian writer, XVIII. 675.
- BARNWELL CASTLE, Northampton, England, XVII. 557.
- BAROCCHIO, Giacomo da Vignola, Italian architect, III. 380.
- BAROCCI, or Baroccio, Federigo, Italian painter, III. 380.
- BARODA, town, India, III. 380.
- BAROLO, Marchesa di, Italian prison reformer, XVIII. 478.
- BAROLUM (Barletta), ancient town, Italy, III. 376.
- BAROMETER, III. 381; invention of, by Torricelli, XXIII. 453; applications of, XIX. 241; Pascal's experiments with, XVIII. 338.
- BAROMETRIC PRESSURE, Oscillations of, III. 30; XVI. 121.
- BARON, title of nobility, III. 387; XVIII. 462, 464.
- BARONET, title of nobility, III. 388; XIV. 120.
- OF NOVA SCOTIA, XVII. 603.
- BARONIUS, Cæsar, church historian, III. 389; V. 765; his Ecclesiastical Annals, I. 785; XIX. 505.
- BARONS' WAR, in England, VIII. 311; XI. 659.
- BARONY, Burghs of, in Scotland, IV. 63.
- BAROSSA, town, South Australia, XXII. 284.
- BAROZZI, or Barocchio, Giacomo da Vignola, Italian architect, III. 380.
- BARQUISIMETO, town, Venezuela, III. 389; XXIV. 140.
- BARR, town, Alsace, Germany, III. 390.
- , town, India, XVIII. 409.
- BARRA, island, Hebrides, Scotland, III. 390; XI. 607.
- BARRACKPUR, subdivision and town, India, III. 390.
- BARRACKS, for soldiers, III. 390; of the British army, II. 587; ventilation of, XXIV. 160.
- BARRAL, aeronaut, I. 195.
- BARRANCAS, valleys, Spain, XXII. 294.
- BARRANDE, Joachim, his theory of fossil colonies, X. 323.
- BARRAS, Comte de, French Revolutionist, III. 392.
- BARREL-MAKING, VI. 338.
- BARREL ORGAN, XVII. 106.
- BARRERE, Pierre, on birds, XVIII. 5.
- BARRETT, Elizabeth (Mrs Browning), English poetess, IV. 391.
- , George, his annuity tables, II. 81.
- BARRHEAD, town, Scotland, III. 392.
- BARRI, Giraldus (Giraldus Cambrensis), ecclesiastic and historian, III. 392.
- BARRIER ACT, of the Scottish Church (1639), XIX. 682.
- BARRIER REEFS, X. 257; VI. 378.
- BARRINGTON, First Viscount, theologian, III. 393.
- , Second Viscount, III. 393.
- , Hon. Daines, naturalist, III. 393.
- , Samuel, English admiral, III. 394.
- , Shute, bishop of Durham, III. 394.
- BARRISTERS, English legal pleaders, III. 394; XIII. 87.
- BARROCOE, settlement, West Africa, X. 755.
- BARRON'S LOCK, XIV. 744.
- BARROS, João de, Portuguese historian, III. 395; XIX. 557.
- BARROW, river, Ireland, XIII. 216; XX. 171.
- , Isaac, English mathematician and divine, III. 396; on differential calculus, XIII. 7.
- , Sir John, English writer and administrator, III. 396; advocate of northern exploration, XIX. 319; his comparison of Chinese and Peruvians, I. 698.
- , Reuben, on Hindu algebra, I. 517.
- BARROWE, Henry, English Independent, XII. 724.
- BARROW-IN-FURNESS, town, England, III. 395.

- BARROWS, sepulchral mounds, III. 397; in ancient America, I. 692.
- BARROW'S STRAITS, Polar Sea, III. 399.
- BARRULE, North and South, mountains, Isle of Man, XV. 450.
- BARRY, Sir Charles, English architect, III. 399.
- , James, Irish painter, III. 399.
- , Madame du, mistress of Louis XV., IX. 593.
- CORNWALL (B. W. Procter), English poet, XIX. 792.
- BARS, county, Hungary, III. 400.
- , River, Formation of, X. 277; XX. 575.
- BAR SAROSHWAI, Syriac Biblical critic, XXII. 849.
- BARSAUMA, Syriac writer, XXII. 830, 831.
- BARSI, town, India, XXI. 832.
- BARSOVITE, mineral, XVI. 420.
- BAR-SUR-AUBE, town, France, III. 356.
- BAR-SUR-ORNAIN, town, France, III. 356.
- BAR-SUR-SEINE, town, France, III. 357.
- BART, or Barth, Jean, French admiral, III. 401.
- BARTAN, town, Asiatic Turkey, III. 401.
- BARTANG, river, Turkestan, XVIII. 103.
- BARTAS, Guillaume de Salluste du, French poet, III. 401.
- BARTFELD, or Bartfa, town, Hungary, III. 401.
- BARTH, Heinrich, African explorer, III. 401; I. 247.
- , Jean, French admiral, III. 401.
- BARTHÉLEMY, Auguste Marseille, French writer, III. 401.
- , Jean Jacques, French writer, III. 401.
- BARTHEZ, or Barthès, Paul Joseph, French physician, III. 402.
- BARTHOLDI'S STATUE OF LIBERTY, New York, XVII. 459.
- BARTHOLIN, Danish historian, XII. 626.
- BARTHOLINUS, Erasmus, on crystals, VI. 672.
- , Gaspard, Swedish writer, III. 403.
- , Thomas, Swedish physiologist, III. 403.
- BARTHOLOMEW, St, apostle, III. 403.
- , Revelations of, apocalyptic work, II. 179.
- , St, Massacre of, IX. 561; V. 412.
- BARTIZAN, in architecture, II. 460.
- BARTLETT, A. D., on the structure of birds, XVIII. 25.
- BARTOLINI, Lorenzo, Italian sculptor, III. 403.
- BARTOLOMEO DI S. MARCO (Baccio della Porta), Italian painter, III. 194; his influence on Raphael, XX. 275.
- BARTOLOZZI, Francesco, Italian engraver, III. 403.
- BARTOLUS, Italian jurist, III. 403.
- BARTON, Andrew, Scottish sea captain, XXI. 496.
- BARTON, Benjamin Smith, American naturalist, III. 404; on birds, XVIII. 9.
- , Elizabeth (Maid of Kent), religious enthusiast, III. 404; I. 33.
- , William, his version of the Psalms, XII. 590.
- BARTRAM, W., on American birds, XVIII. 9.
- BARTSCH, Karl, on the Nibelungenlied, XVII. 476.
- BARUCH, of Scripture, III. 404.
- , Apocalypse of, II. 179; XVI. 315.
- , Book of, in Apocrypha, III. 404; II. 181.
- BARUNG, Nusa, island, Java, XIII. 600.
- BARWON, river, Australia, XXIV. 216.
- BARWOOD, red dye, VII. 576.
- BARYTA, or Barytes, oxide of barium, III. 406; in glass manufacture, X. 664.
- MICA, mineral, XVI. 413.
- WHITE, pigment, XIX. 86.
- BARYTE, mineral, XVI. 400.
- BARYTO-CALCITE, mineral, XVI. 398.
- BARYTO-CELESTINE, mineral, XVI. 400.
- BASALT, variety of rocks, X. 235.
- BASCINET, headpiece, XI. 637.
- BASE, in architecture, II. 460.
- , in chemistry, V. 477, 486.
- BALL, game, III. 406.
- BASEDOW, Johann Bernhard, German educationist, III. 407; VII. 676.
- BASEL (Bâle, or Basle), canton, Switzerland, III. 408; XXII. 778, 791.
- , town, Switzerland, XXII. 778, 789; council of (1431-43), III. 409; XIX. 502; XX. 320; treaty of (1795), I. 471; libraries, XIV. 548; university, XXIII. 842, 851.
- CONFESSION (1531), XV. 83.
- BASE LINE, Measurement of, in surveying, X. 163; XXII. 696, 704.
- BASEMENT, in architecture, II. 460.
- BASE OF SUPPLY, in war, XXIV. 350.
- BASHAN, country of Scripture, in Syria, III. 410.
- BASHFORTH, Prof., on the velocity of projectiles, XI. 302.
- BASHGALIS, tribe, Afghanistan, XIII. 822.
- BASHI-BAZOUKS, Turkish irregular soldiery, II. 618.
- BASHKIR-MESCHERYAKS, people, Russia, XVI. 46.
- BASHKIRS, people, Russia, III. 411; XXI. 79.
- BASHMURIC, Egyptian dialect, VI. 355; XI. 799.
- BASIDIOMYCETES, order of Fungi, IX. 832; XXIV. 127.
- BASIL, the Great, early theologian, III. 412; his monastic rule, XVI. 700.
- , bishops of Ancyra and Seleucia, III. 412.
- , or Basilius, I., emperor of the East, III. 419; XI. 116.
- II., emperor, XI. 116.
- , prince of Russia, XXI. 91.
- , culinary herb, XII. 289.
- BASIL SHUISKI, Russian revolutionist, XXI. 95.
- BASILEUS, title of Greek archon, II. 476.
- BASILIA (Basel), ancient town, Switzerland, III. 408.
- BASILICA, Greek code of laws, III. 419; Dorotheus's scholia on, VII. 369.
- , BASILICAS, in architecture, III. 412; II. 421; of Italy, II. 434; Roman, XX. 816, 823.
- BASILICATA, province, Italy, III. 420.
- BASILICON DORON, book by James VI. of Scotland, XIII. 558; XXI. 509.
- BASILICUS, Jacob, Moldavian pretender, XXI. 19.
- BASILIDES, Gnostic teacher, III. 420; X. 703; his connexion with Neoplatonism, XVII. 335.
- BASILISK, fabulous animal, III. 421; VI. 98.
- BASILIUS (Basil I.), emperor of the East, XI. 116; his code of law, III. 419.
- BASINGSTOKE, town, England, III. 421.
- BASKERVILLE, John, English printer, III. 421.
- BASKET, III. 421.
- BASKING-SHARK, XXI. 777; XII. 646.
- BASLE (Basel, *q.v.*), canton and town, Switzerland, III. 408.
- BASMANOFF, Russian general, XXI. 94.
- BASNAGE, Jacques, Protestant pastor, III. 423.
- BASODINE, mountain, Switzerland, XXIII. 351.
- BASOMMATOPHORA, suborder of Mollusca, XVI. 660.
- BASQUE PROVINCES, Spain, III. 423; XXII. 298.
- BASQUES, European race, XII. 605; their language, III. 424; XVIII. 780; dictionaries of the language, VII. 188; their prehistoric origin, V. 269; X. 111.
- BASRA, province, Asiatic Turkey, XVI. 51; XXIII. 653; (Bussorah), town, IV. 577; VIII. 671; province and town under the caliphs, XVI. 562, 590; Moslem theological school of, XVI. 592.
- BAS RELIEFS, in sculpture, IX. 205; Greek, II. 352.
- BASS, George, Australasian explorer, III. 104.
- & Co.'s BREWERIES, Burton, England, IV. 265, 572.
- BASSÆ, ruins, Greece, XVIII. 735.
- BASSAHIR, state, India, III. 424.
- BASSAM, Grand, river and settlement, West Africa, X. 755.
- BASSANO, town, Italy, III. 424.
- , Giacomo da Ponte, Italian painter, III. 424.
- BASSANTIE, James, Scottish astronomer, XXI. 543.
- BASSEIN, district, India, III. 425; town, III. 425; XXIII. 221.
- BASELIN, Olivier, French poet, III. 425.

- BASSES-ALPES, department, France, I. 599.
- BASSES-PYRÉNÉES, department, France, XX. 126.
- BASSET, or Outcrop, in geology, X. 298.
- BASSE TERRE, district and town, Guadeloupe, West Indies, XI. 230.
- BASSETTERRE, town, St Christopher, West Indies, XXI. 159.
- BASSET HORN, musical instrument, XVII. 708.
- BASSEVILLE, Hugo, French Republican agent in Rome, XIX. 155.
- BASSI, Laura Maria Caterina, learned Italian lady, III. 425.
- BASSIANUS, Joannes, Italian jurist, III. 425.
- , Varius Avitus (Heliogabalus), emperor of Rome, XI. 632.
- BASSIGNY, district, France, XV. 561.
- BASSO DA CAMERA, musical instrument, XXIV. 245.
- BASSOON, musical instrument, III. 425; XVII. 707.
- BASSORA (Bussorah), town, Asiatic Turkey, IV. 577; VIII. 671; XVI. 562, 590; gum of, XI. 276.
- BASS ROCK, islet, Firth of Forth, Scotland, III. 424.
- BASS'S STRAITS, Australia, III. 424.
- BASSUS, Cæsius, Roman poet, XVIII. 662.
- BASS WOOD, tree, United States, XXIII. 808.
- BAST, bark of lime tree, XIV. 648.
- (Bubastis), Egyptian divinity, IV. 408; VII. 718.
- BASTAR, feudatory state, India, III. 425.
- BASTARD, III. 426.
- OF ORLEANS (Dunois), French general, VII. 544.
- BASTEI, mountain, Saxony, XXI. 357.
- BASTI, district and town, India, III. 428.
- BASTIA, town, Corsica, III. 428.
- BASTIANINI, Italian sculptor, XXI. 570.
- BASTIAT, Frédéric, French political economist, III. 428; XIX. 385.
- BASTIE, Sieur Antoine d'Arces de la, French envoy in Scotland, XXI. 497.
- BASTILLE, fortress, Paris, III. 429; XXIII. 289; its fall, IX. 598; the Man of the Iron Mask in, XIII. 360.
- BASTION, in fortification, IX. 434, 440.
- BASTITE, mineral, XVI. 415.
- BASTNAESITE, mineral, XVI. 383.
- BASTWICK, John, English physician and anti-Catholic, III. 430.
- BASURHAT, town, India, XXIII. 673.
- BASUTOS, South-African tribe, V. 47; XXIII. 518; languages of, XXIV. 828.
- BAT, chiropterous mammal, III. 431; XV. 405; hibernation of, XI. 788; sense of touch in, XXIII. 479; in Sumatra, XXII. 640.
- , Fox, IX. 352; XXII. 640.
- , Vampire, XXIV. 52.
- BATAGUR, genus of chelonian reptiles, XXIII. 457.
- BATAK LANGUAGE, III. 442.
- BATALA, town, India, XI. 331.
- BATALDEN, island, Norway, XVII. 576.
- BATANÆA, ancient province, Syria, III. 410.
- BATANES, islands, Philippines, XVIII. 751.
- BATANG, island, Malay Peninsula, XV. 321.
- , town, Tibet, XXIII. 342.
- LUPAR, river, Borneo, XXI. 306.
- BATAVI, Germanic tribe, XII. 69.
- BATAVIA, town, Java, III. 431; XIII. 606; library at, XIV. 534, 549.
- BATAVIAN REPUBLIC, Netherlands (1795), XII. 82.
- BATCHIAN, island, Indian Archipelago, XIII. 692.
- BATCHING, in jute manufacture, XIII. 802.
- BATEGNIUS (Al-Battani), Arabian mathematician, I. 449; XVI. 596; XXIII. 561.
- BATEMAN, John, colonizer of Victoria, Australia, XXIV. 218.
- , J. F., on Loch Katrine aqueduct, II. 226.
- BATES, William, English Nonconformist divine, III. 432.
- BATH, town, England, III. 432; XXII. 258; mineral waters of, XVI. 433; Nash's connexion with, XVII. 235.
- , town, Maine, U.S.A., III. 434.
- , Syriac measure, XXIV. 485.
- , Earl of, English politician, XX. 103.
- , Order of the, XIV. 124.
- AND WELLS, bishopric of, England, XXIV. 499.
- BATHGATE, town, Scotland, III. 434.
- BATHING, III. 437.
- BATHOMETER, measure of sea-depths, XXII. 38.
- BATHORI, Christopher, prince of Transylvania, XXII. 230.
- , Sigmund, prince of Transylvania, XXI. 17.
- , Stephen, governor of Transylvania and king of Poland, XII. 369; XIX. 293; XXI. 92.
- BATHS, III. 434; ancient Roman, at Pompeii, XIX. 448; hydropathic, XII. 544; swimming, XXII. 771.
- BATHURST, town, Gambia, West Africa, I. 269; X. 59.
- , town, New Brunswick, XVII. 375.
- , town, New South Wales, III. 441.
- , village, Sierra Leone, XXII. 45.
- , Earl of, English statesman, III. 441.
- , Ralph, English poet, physician, and divine, III. 442.
- BATHYCLES, Greek sculptor, III. 442.
- BATHYLAGUS, genus of fishes, XXI. 222, 224.
- BATINEH, district, Arabia, II. 255.
- BATISCAN, river, Canada, XX. 165.
- BATIUSHKOFF, Constantine, Russian poet, XXI. 107.
- BATLEY, town, England, XXIV. 748.
- BATMAN SU, affluent of Tigris, XXIII. 387.
- BATNA, town, Algeria, XIV. 238.
- BATOIDEI, group of fishes, XII. 686; XX. 299.
- BATONI, Pompeo Girolamo, Italian painter, III. 442.
- BATON-ROUGE, town, Louisiana, U.S.A., III. 442; XV. 21.
- BATORY, Stephen, king of Poland and ruler of Transylvania, XII. 369; XIX. 293; XXI. 92.
- BATOUM, seaport, Transcaucasia, Russia, III. 446; XXIII. 514; ceded to Russia (1878), XXIII. 653.
- BATRACHIANS, group of animals, I. 750; XX. 432.
- BATRACHUS, Greek architect, III. 442.
- BATSHA, Tong-King, peculiarity of tides at, XIV. 606.
- BATTA, Negro tribe, Sokoto, Africa, XXII. 248.
- BATTAFUOCO, Matteo, Corsican politician, XVII. 193.
- BATTAKS (Battas, *q.v.*), race of people, Sumatra, III. 442; XXII. 640.
- BATTALION, body of infantry, III. 442.
- BATTAS, or Battaks, race of people, Sumatra, III. 442; XXII. 640; their cannibalism, IV. 808.
- BATTER, in architecture, II. 460.
- BATTERING RAM, military engine, III. 443.
- BATTERSEA, district, London, XIV. 822.
- BATTERY, of artillery, III. 443; II. 662; coast batteries, IX. 451.
- , electric, VIII. 13, 90; galvanic, VIII. 92.
- , in law, II. 724.
- BATTEUX, Charles, French writer on art, III. 443; I. 220.
- BATTHYANI, Count Louis, Hungarian leader, XII. 371.
- BATTIADÆ, dynasty of Libyan kings, III. 446.
- BATTICALOA, town, Ceylon, III. 443.
- BATTIKS, Javanese cloth, XIII. 604.
- BATTLE, engagement between armies, III. 443; XXIV. 361.
- , town, England, III. 445.
- , Ordeal of, XVII. 820.
- AXE, weapon of war, II. 555.
- HARBOUR, fishing station, Labrador, XIV. 175.
- BATTLEMENT, in architecture, II. 460.
- BATTLE OF THE BOOKS, Swift's work, XXII. 762; Wotton's share in the controversy, XXIV. 685.
- BATTLE OF THE STANDARD (1138), XVII. 555.
- BATTLE OF THE STANDARD, Leonardo da Vinci's picture, XIV. 459.

- BATTLESBURY, ancient camp, Wilts, England, XXIV. 370.
- BATTUS, kings of Cyrene, Africa, III. 445; 446; XXIII. 280.
- BATU, Mongol chief, XVI. 741, 746; XXI. 46, 90.
- ISLANDS, Sumatra, III. 446; XXII. 639.
- BATUM, or Batoum, seaport, Transcaucasia, Russia, III. 446; XXIII. 514; ceded to Russia (1878), XXIII. 653.
- BAUDEKIN, variety of gold cloth, XXIII. 210.
- BAUDELAIRE, Charles, French poet, III. 446; IX. 677.
- BAUDOUIN, F. J., French journalist, XVII. 425.
- DE SEBOURC, French chanson, IX. 643.
- BAUDRILLART, Henri, French economist, XIX. 395.
- BAUER, Mayer Anselm, founder of the Rothschild family, XXI. 3.
- BAUHIN, Gaspard, French botanist, III. 446.
- , Jean, French botanist, III. 447.
- BAUMÉ, Antoine, French chemist, III. 447.
- BAUME FOCOT, gum, XIX. 512.
- BAUMGARTEN, Alexander Gottlieb, German philosopher, III. 447; his limitation of aesthetics, I. 212; on the beautiful, I. 217.
- BAUMGARTEN-CRUSIUS, Ludwig F. O., German theologian, III. 447.
- BAUR, Ferdinand Christian, German theologian, III. 447; on church history, v. 766; on origin of Synoptic Gospels, x. 841; on New Testament canon, III. 643.
- BAUTAIN, Louis E. M., French philosopher and theologian, III. 450.
- BAUTISTA DE TOLEDO, Juan, Spanish architect, VIII. 540.
- BAUTZEN, town, Germany, III. 450; XXI. 357; battle of (1813), XVII. 219.
- BAUXITE, or Beauxite, mineral, XIII. 295; XVI. 388.
- BAVARIA, III. 450; conquest of, by Charlemagne, x. 479; Count Rumford's administration in, XXIII. 310; its army, II. 600; libraries, XIV. 526, 547; newspapers, XVII. 429; prison system, XIX. 760.
- BAVARIAN ALPS, I. 628.
- BAVARIANS, Law code of the, ancient, XXI. 215.
- BAVEAN, or Bawean, island, Java, XIII. 600.
- BAXAR, or Buxar, town, India, III. 454; XXI. 735.
- BAXTER, Andrew, Scottish metaphysician, III. 454.
- , Richard, English divine, III. 455; hymns by, XII. 592; on Presbyterianism, XIX. 689.
- BAYAD, fish, XXII. 68.
- BAYAM, Affonso Lopes de, Portuguese poet, XIX. 555.
- BAYAN, Mongol general, XIV. 151.
- BAYARD, the steed, Romance of, XX. 653.
- , Chevalier de, French knight, III. 457.
- BAYAZID, town, Armenia, III. 458.
- BAYBERRY OIL, XVII. 744, 747.
- BAYER, John, his notation of stars, II. 754.
- BAYERBERG, mountain, Germany, XXI. 349.
- BAYERN (Bavaria, *q.v.*), III. 450.
- BAYEUX, town, France, III. 458; XVII. 539.
- TAPESTRY, VIII. 162.
- BAYEZID, or Bajazet, I., Turkish sultan, III. 247; XXIII. 641.
- II., Turkish sultan, XXIII. 642.
- BAYHAM, Viscount, lord chancellor of England, IV. 735.
- ABBEY, Sussex, England, I. 20.
- BAY-LAUREL, tree, XIV. 348.
- BAYLE, Gaspard L., French physician, xv. 816.
- , Pierre, lexicographer, III. 458; XVIII. 539; his Dictionnaire Historique et Critique, VIII. 194; his influence on French literature, ix. 661; his scepticism, XXI. 383.
- BAYLEN, Duke of, Spanish general, v. 186.
- BAYNARD'S CASTLE, old London, XIV. 843.
- BAYONET, weapon, II. 558; XI. 284; XXII. 802.
- BAYONNE, town, France, III. 459.
- BAYOUS, river offshoots, xv. 20; XVI. 520.
- BAY PSALM BOOK, xv. 614.
- BAYREUTH (Baireuth, *q.v.*), town, Bavaria, III. 246.
- BAY SALT, XXI. 228.
- BAY-WINDOW, in architecture, II. 460.
- BAYWOOD, Honduras mahogany, xv. 288.
- BAZA, town, Spain, III. 459.
- BAZAINE, François Achille, French marshal, IX. 627; his capitulation at Metz (1870), XVI. 204.
- BAZARAD, Alexander, voivode of Wallachia, XXI. 16.
- BAZARD, Armand, French socialist, III. 459; VIII. 212; XXI. 198.
- BAZARDJUSI, mountain, Caucasus, v. 254.
- BAZARUTO ARCHIPELAGO, East Africa, XVII. 7.
- BAZIGARS, tribe, India, III. 459.
- BAZIN'S HYDRAULIC FORMULÆ, XII. 497.
- BAZOCHE, Clerks of the, actors of moralities, VII. 414; IX. 645.
- BAZTAN, town, Spain, XVII. 249.
- BAZZI, Giannantonio (Il Sodoma), Italian painter, XXII. 245; XXI. 434.
- BDELLIDÆ, family of Arachnida, II. 276; XVI. 528.
- BDELLIUM, gum-resin, III. 460; XVII. 121; used as incense, XII. 718.
- BDELLOIDA, order of Rotifera, XXI. 8.
- BEACHES, Raised, x. 256.
- BEACHY HEAD, promontory, England, III. 460; XXII. 723.
- BEACON, at sea, XIV. 625.
- CONTROVERSY, among Quakers, xx. 149.
- BEACONSFIELD, town, England, III. 460.
- , Earl of (B. Disraeli), British statesman, VIII. 367.
- BEACONS OF BRECKNOCK, hills, Wales, IV. 243.
- BEAD, ornament, III. 460; of glass, x. 652.
- BEAGLE, dog, VII. 329; XII. 316.
- CHANNEL, Tierra del Fuego, XXIII. 384.
- BEAM, in carpentry, IV. 477; in bridges, IV. 289.
- BEAN, leguminous plant, III. 460; culture of, I. 360; XII. 279, 283; as forage crop, I. 377; straw as fodder, I. 361.
- BEAR, carnivorous mammal, III. 461; XV. 441; hibernation of, XI. 788; arctic, colour of, XVI. 343; of India, XII. 741; skins of, IX. 837.
- ACCOUNT, Stock Exchange term, I. 92.
- BAITING, III. 461.
- BEARD, III. 462.
- BEAR ISLAND, Spitzbergen, XXII. 408.
- BEAR LAKE, Great, Canada, III. 462.
- BEAR LODGE, natural pillar, Rocky Mountains, U.S.A., XXIII. 797.
- BEAR-MOUSE, or Marmot, xv. 559.
- BÉARN, province, France, III. 465.
- BEAR'S-FOOT, plant, XI. 635.
- BEAS, river, India, XXI. 146.
- BEAST, of the Apocalypse, II. 125; XX. 499.
- BEAST-FORMS, Myths of, xv. 90; XVII. 135; XXIII. 467.
- BEATIA (Baeza), ancient town, Spain, III. 229.
- BEATIFICATION, v. 23.
- BEATINE, nitrogenous carbon compound, XVII. 520.
- BEATON, David, Scottish cardinal, III. 465; XXI. 498.
- BEATRICE, town, Nebraska, U.S.A., XVII. 309.
- , Dante's, VI. 811.
- BEATS, in music, I. 117; XVII. 105.
- BEATTIE, James, Scottish poet and essayist, III. 466; his place in English literature, VIII. 429.
- BEAUCAIRE, town, France, III. 467.
- BEAUCE, district, France, XIV. 809.
- BEAUCHAMP, Alphonse de, French historian, III. 467.
- BEAUFORT, town, South Carolina, U.S.A., XXII. 288.

- BEAUFORT, Pierre Roger de (Pope Gregory XI.), XI. 178.
 — FAMILY, earls and dukes of Somerset, VIII. 327.
 BEAUHARNAIS, Eugène de, stepson of Napoleon I., III. 467.
 —, Eugénie Hortense de, Louis Napoleon's mother, XII. 209; XVII. 226.
 —, Joséphine de, wife of Napoleon I., XIII. 751; XVII. 196; divorce of, XVII. 215.
 BEAUHARNAISIUS, genus of birds, XXIII. 477.
 BEAUJEU, Anne of, regent of France, V. 411; IX. 553.
 BEAULIEU, Augustin, French admiral, I. 566.
 —, Jacques, French surgeon, XXII. 676.
 BEAUMANOIR, Philippe de, French jurist, III. 467.
 BEAUMARCHAIS, Pierre Augustin Caron, French dramatist, III. 467; VII. 426; IX. 666.
 BEAUMARIS, town, Wales, III. 468.
 — SHARK, XIX. 518.
 BEAUMOND CROSS, Newark, England, XVII. 370.
 BEAUMONT, Francis, English dramatist, III. 469; VII. 432.
 BEAUMONTITE, mineral, XVI. 422.
 BEAUNE, town, France, III. 474; Hospice de, XXIV. 606.
 BEAUSOBRE, Isaac de, French Protestant writer, III. 475.
 BEAUTIFUL, Theory of the, I. 212; XVIII. 795; Burke's work on, IV. 540; Jouffroy on, XIII. 754.
 BEAUTY, its nature, IX. 194; Hutcheson on, XII. 411; Plato on, XIX. 201.
 — AND THE BEAST, folk-tale, XV. 91.
 BEAUVAIS, town, France, III. 475; XVII. 749.
 —, Vincent of, encyclopædist, VIII. 192; XXIV. 235.
 BEAUXITE, or Bauxite, mineral, XIII. 295; XVI. 388.
 BEAVER, rodent mammal, III. 475; XV. 418; skins of, IX. 838.
 —, perfume, XVIII. 526.
 BEAVER-WOOD, tree, XI. 360.
 BEBAJIAS, Gipsy tribe, India, III. 248.
 BEBBA, British princess, XVII. 569.
 BÉBÉ (Nicholas Ferry), French dwarf, VII. 567.
 BEBERINE (Bibirine), vegetable alkaloid, III. 633.
 BEC, Monastery of, Normandy, II. 91.
 BECCAFICO, bird, XVIII. 53.
 BECCAFUMI, Domenico, Italian painter, III. 476; XXII. 44.
 BECCARI, Agostino, Italian pastoral dramatist, VII. 418; XVIII. 345.
 BECCARIA, Marquis, Italian jurist and economist, III. 477; XIX. 362.
 —, Giovanni Battista, Italian astronomer, III. 477; his experiments in electricity, VIII. 7.
 BECCLES, town, England, III. 477; XXII. 622.
 BECERRA, Gaspar, Spanish painter and sculptor, III. 477.
 BÊCHE-DE-MER, or Trepang, edible echinoderm, III. 477. See also VII. 640.
 BECHER, Johann Joachim, German chemist, III. 477; V. 460.
 BECHSTEIN, Johann M., on birds, XVIII. 9, 17.
 BECHTERMUNZE, Henry and Nicholas, German printers, XXIII. 685.
 BECHUANA LANDS, Africa, Languages of, XXIV. 828.
 BECHWANA, or Bechuanas, Negro tribes, III. 478; XVII. 319; their totemism, XXIII. 468; of Transvaal, XXIII. 518.
 BECK, David, Dutch painter, III. 479.
 BECKER, Wilhelm Adolf, German archaeologist, III. 479.
 BECKET, Thomas, or Thomas À, archbishop of Canterbury, I. 31; V. 29; VIII. 304, 372; his contests with Henry II., XI. 657; his bones burnt, VI. 606.
 BECKETT'S LOCK, XIV. 749.
 BECKFORD, William, English writer, III. 479.
 BECKLEY'S SELF-REGISTERING ANEMOMETER, II. 25.
 BECKMANN, Johann, German writer, III. 479; I. 644.
 BECKWITH, Agnes, English swimmer, XXII. 771.
 —, Colonel, Waldensian philanthropist, XXIV. 325.
 BECUIBA TALLOW, vegetable fat, XVII. 744.
 BED, in furniture, IX. 849.
 BEDA (Bede, *q.v.*), early English historian, III. 480.
 BEDARRIEUX, town, France, III. 479.
 BED-CHAMBER, Ladies of the royal, XXI. 37.
 BEDDOES, Thomas, English physician, III. 479.
 —, Thomas Lovell, English dramatist, III. 480.
 BEDE, early English historian, III. 480; VIII. 280; XIII. 593; XVII. 569, 570; his account of Cædmon, IV. 630; on monachism, XVI. 707; his place in English literature, VIII. 405.
 BEDELL, William, bishop of Kilmore, III. 482.
 BED-FEATHERS, IX. 59.
 BEDFORD, town, England, III. 482.
 —, Pennsylvania, U.S.A., mineral water of, XVI. 436.
 —, Duke of, English regent in France, VIII. 321; IX. 549.
 — HOURS, illuminated MS., XII. 708.
 — LEVEL, district, England, III. 482; draining of, I. 404; IV. 727.
 BEDFORDSHIRE, county, England, III. 483; population and representation, XXIII. 727.
 BEDJA, town, Tunis, XXIII. 620.
 BEDLAMs, for detention of lunatics, XIII. 110.
 BEDLIS, town, Armenia, III. 617.
 BEDLOE'S ISLAND, New York, U.S.A., XVII. 459.
 BEDMAR, Marquis of, Spanish ambassador to Venice, XXIV. 147.
 BEDNOR, town, India, III. 483.
 BEDOUINS, nomad Arabs, II. 246; I. 564; XXI. 651; in Syria, XXII. 823.
 BEDR, Battle of, near Medina (623), XVI. 555.
 BEDSTEAD, in furniture, IX. 849.
 BEE, insect, III. 484, 493; XII. 576; XIII. 148; honey of, XII. 136, 138; wax, XXIV. 459.
 —, Humble, XII. 342.
 BEECH, tree, III. 503; culture of, II. 317; in U.S.A., XXIII. 808; strength of the wood, XXII. 603.
 BEECHER, Lyman, American temperance reformer, XXIII. 158.
 BEECHEY, Frederick William, Arctic explorer, III. 503; X. 193; XIX. 319.
 —, Sir William, English painter, III. 503.
 BEECH-NUT OIL, XVII. 744.
 BEECKMAN, Isaac, his friendship with Descartes, VII. 116.
 BEEF-MEASLE, XXIII. 52; XXIV. 206.
 BEE-HIVES, III. 499.
 BEEK, David, Dutch painter, III. 479.
 BEE-KEEPING, III. 501; XII. 138.
 BEELTHAN, George of, Syriac writer, XXII. 842.
 BEELZEBUB, III. 503; VII. 136; XVIII. 756.
 BEE-MARTIN, bird, XIV. 81.
 BEE-PASTURAGE, III. 498.
 BEER, beverage, IV. 264; XV. 338; adulteration of, I. 172; Burton, IV. 572; consumption of, in Munich, XVII. 26; tax on, in England, XV. 339.
 —, Dob, Jewish sectarian leader, XIII. 681.
 —, Herz, father of Meyerbeer, XVI. 222.
 BEERBERG, Grosser, mountain, Germany, XXIII. 332.
 BEERBHOM (Birbhum), district and town, India, III. 697.
 BEERSHEBA, town, Palestine, III. 504; XVIII. 172.
 BEESTON, town, England, XVII. 598.
 BEESWAX, III. 486; XXIV. 459; bleaching of, III. 825.
 BEET, vegetable, III. 504; XII. 279; culture of, I. 381; rum from, XXI. 58; sugar from, I. 381; XXII. 625, 626.
 BEETHOVEN, Ludwig van, musician, III. 504; as symphonist, XVII. 97.
 BEETLE, insect, III. 507; VI. 126; XIII. 148; mimicry in, XVI. 343.
 — MITE, XVI. 528.

- BEETLING, in bleaching, III. 818.
 BEETS, Nicolaes, Dutch writer, XII. 98.
 BEGARELLI, Antonio, of Modena, Italian sculptor, XXI. 569.
 BEGAS, Karl, German painter, III. 507.
 BEGBAZAAR, town, Asiatic Turkey, III. 507.
 BEGGARS, English laws against, XIX. 462.
 BEGGAR'S OPERA, Gay's, VII. 437; X. 120.
 BEGHARDS, communistic mystics, III. 507; I. 140; XVI. 711; XVII. 132; Eckhart's connexion with them, VII. 642.
 BEGONIA, stove plant, XII. 265.
 BEGUINES, communistic mystics, III. 507; XVI. 709; XVII. 132.
 BEHAIM, Martin, cartographer and navigator, III. 509; X. 680.
 BEHAR, province, India, III. 508, 567; town, III. 509; XVIII. 409.
 BEHBEHAN, town, Persia, III. 509.
 BEHEM, or Behaim, Martin, cartographer and navigator, III. 509; X. 680.
 BEHISTUN, Persia, rock inscriptions at, III. 509; XVIII. 567.
 BEHMEN, Jakob (Boehme, *q.v.*), German mystic, III. 852.
 BEHN, Aphra, English dramatist, III. 509; VIII. 424.
 BEHRING, Vitus, Danish Arctic explorer, III. 510; XIX. 318.
 BEHRING'S ISLAND, North Pacific, III. 509.
 BEHRING'S STRAIT, III. 509; XVIII. 116; whale fishery in, XXIV. 528.
 BEHRISCH, E. W., friend of Goethe, X. 722.
 BEIBAZAAR (Begnazaar), town, Asiatic Turkey, III. 507.
 BEIGHTON, Henry, his steam-engine improvement, XXII. 474.
 BEING, Science of, XVI. 79.
 — AND NOT BEING, in Eleatic philosophy, XVIII. 315.
 BEIRA, province, Portugal, III. 510; XIX. 537.
 BEIROUT, or Beyrout, town, Syria, III. 622; commerce of, XXIII. 655.
 BEIT-EL-FAKIH, town, Arabia, III. 510.
 BEJA, town, Portugal, III. 510.
 BEJAPORE (Bijapur), state and town, India, III. 669.
 BEJAR, town, Spain, III. 510; XXI. 203.
 BÉJARD, Armande, wife of Molière, XVI. 625.
 BEKA, district, Asiatic Turkey, XXIII. 654.
 BEKE, Charles T., English traveller, III. 510.
 BEKES, town, Hungary, III. 511.
 BEKKER, Balthazar, Dutch theologian, III. 511; XII. 95.
 —, or Wolff, Elizabeth, Dutch novelist, III. 511.
 —, Immanuel, German philologist, III. 511.
 BEKR, tribe of Arabs, Mesopotamia, XVI. 48.
 BEL, Assyrian deity, III. 175.
 —, Matthias, Hungarian historian, III. 511.
 BELA, town, Baluchistan, III. 511.
 BELABANZA, town, Hungary, XXI. 393.
 BELADHORI, Arab historian, XXIII. 3.
 BELANDA NIAM-NIAM, Central African tribes, XVII. 473.
 BEL AND THE DRAGON, History of, in Apocrypha, II. 181.
 BELASPOOR (Bilaspur), town, India, XIII. 823.
 BELBEIS, town, Upper Egypt, III. 511.
 BELCHEN, mountain, Black Forest, Germany, XXIV. 700.
 BELCHER, Sir Edward, Arctic explorer, XIX. 321.
 BELEBEL, town, Russia, XXIII. 717.
 BELEMNITE, fossil mollusc, XVI. 676.
 BELESME, Robert of, Norman noble, XI. 656.
 BELFAST, town, Ireland, III. 511; XIII. 237; library, XIV. 524; newspapers, XVII. 423; Queen's College at, XXIII. 855.
 — LOUGH, Ireland, III. 512.
 BELFORT, town, France, III. 513; XIII. 781.
 BELFRY, in architecture, II. 461.
 BELGÆ, or Belgians, Gallic tribe, IX. 527; X. 111.
 BELGAM, or Belgaum, district, India, III. 513.
 BELGIUM, III. 514; united to and separated from Holland, XII. 83; its relations to the papacy, VI. 242; academy of, I. 76; its army, II. 615; birds, XVIII. 17; coalfields, VI. 55; coins, XVII. 656; small farms, I. 412; forests, IX. 400; foundling hospitals, IX. 483; irrigation works, XIII. 370; libraries, XIV. 531, 549; mines, XVI. 468; national debt, XVII. 246; newspapers, XVII. 430; observatories, XVII. 715; oyster culture, XVIII. 108; periodical literature, XVIII. 542; police system, XIX. 343; prison system, XIX. 758; railways, XX. 250; Walloons, XXIV. 332.
 BELGRADE, town, Servia, III. 531; XXI. 688; battle of (1717), VIII. 661; treaty of (1739), XXII. 647.
 BELHAVEN, Lord, on farming in East Lothian, Scotland, I. 301.
 BELIEF, III. 532; psychology of, XX. 83; in relation to theology, XXIII. 264; Jacobi's theory of, XIII. 537.
 BELINSKI, Russian critic, XXI. 108.
 BELISARIUS, Byzantine general, III. 535; XIII. 797; XVII. 233; XVIII. 612; XX. 782; African campaign of, XXIV. 59; Procopius's relations with, XIX. 789.
 BELIUS, Matthias, Hungarian historian, III. 511.
 BELIZE, town, British Honduras, III. 536; XII. 132.
 BELKNAP, Jeremy, American writer, III. 536.
 BELL, and bell manufacture, III. 536; IV. 366; of Moscow (Tsar-Kolokol), XVI. 867; of Nara, Japan, XVII. 229.
 —, Alexander Graham, on telephony, XXIII. 127, 128, 130.
 —, Alexander Melville, his system of shorthand, XXI. 840; on visible speech, I. 608; VII. 9; XXII. 385.
 —, Andrew, English educationist, III. 539; VII. 678; educational system of, XIV. 258.
 —, Andrew, printer of first edition of Encyclopædia Britannica, VIII. 200.
 —, Sir Charles, English anatomist, III. 540; XV. 817; his Anatomy of Expression, I. 817; on physiognomy, XIX. 5.
 —, Currer, Ellis, and Acton (the sisters Brontë), IV. 365.
 —, George Joseph, Scottish jurist, III. 542.
 —, Henry, Scottish mechanician, III. 542.
 —, Henry Glassford, Scottish writer, III. 542.
 —, John, American politician, XXIII. 772, 788.
 —, John, Scottish anatomist and surgeon, III. 543.
 —, John, Scottish traveller, III. 542.
 —, Patrick, inventor of reaping machine, I. 322.
 —, Robert, editor of British poets, III. 543.
 BELLA, suburb, Nicastro, Italy, XVII. 480.
 —, Stefano de la, Italian engraver, III. 543.
 BELLADONNA, plant, III. 543; XVII. 231; as poison, XIX. 279.
 — OIL, XVII. 744.
 BELLAI, Guillaume du, French general and writer, III. 543.
 BELLAMAR, Caves of, Cuba, XV. 624.
 BELLAMY, Jacobus, Dutch poet, III. 543; XII. 96.
 BELLARMINE, Robert F. R., cardinal, III. 544; his relations with Galileo, X. 32.
 BELLARY (Ballari), district and town, India, III. 286.
 BELLAY, or Bellai, Guillaume du, French general and writer, III. 543.
 —, Joachim du, French poet, III. 544; XX. 841.
 BELL-BIRD, of New Zealand, XII. 139.
 —, of Venezuela, XXIV. 139.
 BELL-COT, in architecture, II. 461.
 BELLEAU, Rémy, French pastoral poet, III. 545; XVIII. 345; XX. 841.
 BELLE-ISLE, Duke of, French marshal, IX. 586.

- BELLE-ISLE, Marquis of (Nicolas Fouquet, *q.v.*), French statesman, IX. 487.
- BELLE-ISLE-EN-MER, island, west of France, III. 545.
- BELLENDEN, John, Scottish poet, III. 545; XXI. 541; his translation of Boece's history, III. 850.
- , William, French classical scholar, III. 545.
- BELLENZ (Bellinzona, *q.v.*), town, Switzerland, III. 548.
- BELLEROPHON, in Greek legend, III. 546; XVIII. 468.
- BELLES-LETTRES, Academies of, I. 73.
- BELLEVILLE, town, Ontario, Canada, XVII. 775.
- , town, Illinois, U.S.A., III. 546.
- BELLEY, town, France, III. 546.
- BELLIGERENTS, in international law, XIII. 194.
- BELLINGER, river, New South Wales, XVII. 408.
- BELLINGHAM, Sir Edward, viceroy of Ireland, XIII. 263.
- , John, assassin of Spencer Perceval, XVIII. 521.
- BELLINI, Gentile, Italian painter, III. 547; XXI. 436; tutor of Titian, XXIII. 414.
- , Giovanni, Italian painter, III. 547; XXI. 436; tutor of Titian, XXIII. 414.
- , Jacopo, Italian painter, III. 546; XV. 501.
- , Lorenzo, Italian anatomist and physician, III. 548.
- , Vincenzo, Italian musical composer, III. 548; XVII. 99.
- BELLINZONA, town, Switzerland, III. 548; XXII. 778; XXIII. 351.
- BELLMAN, Carl Mikael, Swedish poet, III. 549; XXII. 755.
- BELL METAL, IV. 366.
- BELLOMONT, Lord, English governor of New York, XVII. 455.
- BELLONA, in Roman mythology, III. 549.
- BELLONIUS, Petrus (Belon, *q.v.*), French naturalist, III. 553; on birds, XVIII. 4.
- BELLOT, Joseph René, French Arctic explorer, III. 549; XIX. 321.
- BELLOVACENSIS, Vincentius (Vincent of Beauvais), mediæval encyclopædist, VIII. 192; XXIV. 235.
- BELLOVACI, Gallic tribe, XVIII. 286.
- BELLOVESUS, founder of Milan, XVI. 292.
- BELLOWS, III. 549; for organ, XVII. 836; for smelting ores, XVI. 60.
- BELL-RINGING, III. 538.
- BELL ROCK LIGHTHOUSE, on Scottish coast, XIV. 616.
- BELL'S PALSY, disease, XVIII. 257.
- BELLUÆ, Linnæan order of Mammalia, XV. 421; XXIV. 805.
- BELLUNO, town, Italy, III. 553.
- , Duke of (C. P. Victor), French marshal, XXIV. 213.
- BELLY-FISH, in Java, XIII. 606.
- BELMONTE, river, Brazil, IV. 222.
- BELON, Pierre, French naturalist, III. 553; on birds, XVIII. 4; on fishes, XII. 631.
- BELONE, genus of fishes, X. 80.
- BELOOCHISTAN (Baluchistan), country, Asia, III. 299.
- BELPASSO, town, Sicily, III. 553.
- BELPER, town, England, III. 553.
- BELSHAM, Thomas, English Unitarian writer, III. 553.
- , William, English political writer, III. 553.
- BELSHAZZAR, of Scripture, III. 188, 553.
- BELT, mechanical connector, XV. 760.
- , Great and Little, straits, Denmark, III. 554.
- BELTANE, or Beltein, Celtic festival, III. 554.
- BELTIRS, race of people, Russia, XXI. 251.
- BELUGA, cetacean mammal, XV. 398; XXIV. 525; XIX. 522.
- BELUNUM (Belluno), ancient town, Italy, III. 553.
- BELVACENSIS, Vincentius (Vincent of Beauvais), encyclopædist, VIII. 192; XXIV. 235.
- BELVEDERE, town, Italy, III. 554.
- , STATUE, of Apollo, II. 186.
- BELZONI, Giovanni Battista, explorer of Egypt, III. 554.
- BEM, Joseph, Polish general, XII. 372.
- BEMA, in architecture, II. 461.
- , Manichean festival, XV. 485.
- BEMBA, lake, Central Africa, XXIV. 763.
- BEMBO, Pietro, cardinal, III. 554.
- BEMBRIDGE, town, Isle of Wight, England, XXIV. 562.
- BENACUS (Garda), lake, Italy, X. 75.
- BENARES, division, district, and town, India, III. 554; XVII. 572; Ghoosla Ghat, landing place at, II. 397.
- BEN ATTOW, mountain, Scotland, XX. 854.
- BENAVENTE, town, Spain, III. 556.
- BENBECULA, island, Scotland, XI. 607.
- BENBOW, John, English admiral, III. 556.
- BENBULBIN, mountain, Ireland, XXII. 159.
- BENCH, legal term, III. 556.
- BENCHERS, English lawyers, III. 556; XIII. 87.
- BENCOOLEN, town, Sumatra, III. 556; residency, XXII. 639.
- BEND, in heraldry, XI. 695, 706.
- , seaman's knot, XIV. 128; XXI. 590.
- BENDALL, Cecil, on Nepalese chronology, XVII. 344.
- BENDER, town, Russia, III. 557; Charles XII.'s residence at, V. 421.
- BENDER-ABBASI (Bandar Abbas), town, Persia, III. 557; XVIII. 620, 627.
- BENDER EREGLI, town, Asiatic Turkey, XI. 681.
- BENDING MOMENT, in beams, IV. 290.
- BEND-I-NUH (Noah's Hill), mountain, Kurdistan, XIV. 156.
- BENEDEK, Ludwig von, Austrian general, III. 140.
- BENEDICT, St, founder of order of monks, III. 557; I. 11; XVI. 703; his monastic rule, XVI. 704.
- , I.—IV., popes, III. 558.
- , V., pope, III. 558; XIX. 497; XX. 789.
- , VI., pope, III. 558; XX. 789.
- , VII., pope, III. 558.
- , VIII., pope, III. 558; XX. 790.
- , IX., pope, III. 558; state of Rome under, XX. 790.
- , X., pope, III. 558; XVII. 484.
- , XI., pope, III. 558.
- , XII., pope, III. 558; XX. 799.
- , XIII., pope, III. 558; XX. 803.
- , XIV., pope, III. 559; XIX. 507; his opposition to the Jesuits, XIII. 654.
- BENEDICTINE MONASTERIES, I. 11.
- BENEDICTINES, or Benedictine order of monks, III. 558; XVI. 704; in England, VIII. 372; their libraries, XIV. 513.
- BENEDICTIONAL, church service book, XIV. 710.
- BENEDICTUS LEVITA, his collection of church laws, V. 17.
- BENEE-HASAN, Egypt, Sepulchral grottoes at, VII. 774.
- BENEE-SUWEYF, town, Egypt, VII. 774.
- BENEFICE, Ecclesiastical, III. 559; origin of the system, IX. 121; right of presentation to, I. 179; XX. 158; simony in regard to, XXII. 85; vicarial, XXIV. 209; dilapidations of, VII. 239.
- BENEFIT OF CLERGY, in law, V. 827; VIII. 372.
- BENEKE, Friedrich Eduard, German philosopher, III. 560.
- BENEVENTO, town, Italy, III. 561.
- , Prince of (Talleyrand), French statesman, XXIII. 29.
- BENEVENTUM (Benevento), ancient town, Italy, III. 561; XXI. 249; battle of (275), XX. 744.
- BENEVOLENCE, in phrenology, XVIII. 845.
- , Universal, Cumberland's theory of VI. 702.
- BENEVOLENCES, enforced loans, IX. 177.
- BENFEY, Theodor, German philologist, XVIII. 781; XIII. 682.
- BENGAL, lieutenant-governorship, India, III. 562; early British connexion with, XII. 799; army of, II. 590.
- BENGALEE ERA, V. 719.
- BENGALI LANGUAGE, Dictionaries of VII. 190.
- BENGAL LIGHT, in pyrotechny, XX. 136.
- BENGAWAN, river, Java, XIII. 601.

- BENGAZI, town, North Africa, III. 571; XXIII. 575.
- BENGEL, John Albert, German Biblical scholar, III. 571.
- BEN GERSON, Levi, Jewish philosopher, X. 550.
- BENGHAZI, town, Tripoli, Africa, III. 571; XXIII. 575.
- BENGUELA, country, West Africa, III. 572.
- BENHADAD, king of Damascus, XIII. 406.
- BEN HOPE, mountain, Scotland, XXII. 726.
- BENI, department, Bolivia, IV. 10.
- BENICARLO, town, Spain, III. 572.
- BENI ISRAEL, Jewish settlement, Bombay, XIII. 685.
- BENIN, country, West Africa, III. 572.
- BENINCASA, Catherine (St Catherine of Siena), V. 229; XXII. 43.
- BENJAMIN, of Scripture, III. 573.
- of Tudela, Jewish rabbi, III. 573.
- BEN KLIBRECK, mountain, Scotland, XXII. 726.
- BENKULEN (Bencoolen), town, Sumatra, III. 556; XXII. 639.
- BEN LAWERS, mountain, Scotland, XVIII. 666.
- BEN LOMOND, mountain, Scotland, XXII. 553.
- BEN LOMOND, mountain, Tasmania, XXIII. 73.
- BEN MORE, mountain, Scotland, XVIII. 666.
- BENMORE ASSYNT, mountain, Scotland, XXII. 726.
- BEN MUICHDUI, mountain, Scotland, I. 43.
- BENNET, Henry, earl of Arlington, English statesman, III. 573.
- BENNET'S ELECTROSCOPE, VIII. 118.
- BENNETT, James Gordon, American journalist, III. 574; XVII. 434.
- , John Hughes, English physiologist, III. 574.
- , Sir William Sterndale, English musical composer, III. 574; XVII. 97.
- BENNEVILLE, George de, American Universalist, XXIII. 831.
- BEN NEVIS, mountain, Scotland, XIII. 199.
- BENNINGTON, town, Vermont, U.S.A., XXIV. 167.
- BENNU, Egyptian phoenix, XVIII. 811.
- BEN NUT, XVII. 664; oil of, XVII. 744.
- BENOÎT DE SAINTE-MORE, French writer, XIII. 499; XX. 638.
- BENOZZO GOZZOLI, Italian painter, IX. 773; XI. 24; XXI. 435.
- BENSERADE, Isaac de, French poet, III. 575.
- BEN SLOICH, mountain, Scotland, XX. 854.
- BENSON, George, English divine, III. 575.
- BENTENG, town, Indian Archipelago, XXI. 210.
- BENTHAM, George, on plant classification, IV. 81.
- , Jeremy, English writer on politics and jurisprudence, III. 575; on codification of law, VI. 106; his ethical system, VIII. 606; on prison discipline, XIX. 748; promotor of savings banks, XXI. 327; on Smith's Wealth of Nations, XIX. 370; his relations with Dumont, VII. 529.
- BENTINCK, William, first earl of Portland, English diplomatist, XIX. 530.
- , Lord William, governor-general of India, XII. 806.
- , Lord William George F. C., English statesman, III. 577.
- , William H. C., third duke of Portland, English statesman, XIX. 530.
- BENTIVOGLIO, Giovanni, Bolognese statesman, III. 577.
- , Guido, cardinal, III. 577.
- BENTLEY, Richard, English scholar, III. 578; on the Æsopian fables, III. 181; his controversies with Conyers Middleton, XVI. 282; on the Letters of Phalaris, XVIII. 730.
- BENTON, Thomas Hart, American politician, XXIII. 764, 788.
- BENUA, race of people, Malay Peninsula, XV. 323.
- BENUE, river, Africa, I. 253; XVII. 496.
- BENVOGLIENTI, Ulberto, Sienese historian, XXII. 43.
- BEN VOIRLICH, mountain, Scotland, XVIII. 666.
- BEN WYVIS, mountain, Scotland, XX. 854.
- BEN Y GLOE, mountain, Scotland, XVIII. 666.
- BENZENE, in chemistry, XXIII. 59; V. 560.
- BENZERT (Bizerta), town, Tunis, Africa, III. 794; XXIII. 620.
- BENZOIC ACID, in chemistry, III. 580.
- BENZON, gum, III. 581; XXII. 639; as incense, XII. 718.
- BENZOL, in chemistry, XXIII. 59; XVIII. 237.
- BENZOYL, in chemistry, XXIV. 626.
- BEOWULF, Anglo-Saxon poem, VIII. 403, 404; XX. 657.
- BÉRANGER, Jean Pierre, Swiss historian, XXII. 799.
- , Pierre Jean de, French poet, III. 581; IX. 675.
- BERAPI, mountain, Sumatra, XXII. 638.
- BERAR, province, India, III. 582.
- BÉRARD, Frédéric, French physician, III. 584.
- BERARDI, Angelo, Italian musician, XVII. 87.
- BERARDIUS, genus of Cetacea, XV. 397.
- BERAUNA, tribe, Fezzan, Africa, IX. 130.
- BERAUNITE, mineral, XVI. 405.
- BERBER, town, Egypt, III. 584; XVII. 507.
- BERBERA, town, Eastern Africa, III. 584.
- BERBERINES, people, Nubia, I. 260.
- BERBER LANGUAGE, XVIII. 778; its relation to Semitic, XXI. 643; dictionaries of, VII. 192.
- BERBERS, people, North Africa, I. 261; XXI. 151; XIII. 814; XXII. 278; of Algeria, I. 564; of Morocco, XVI. 834; in Spain, XXII. 310; of Tunis, XXIII. 620.
- BERBICE, county, British Guiana, XI. 249; river, XI. 250.
- BERCEO, Gonzalo de, Spanish poet, X. 773; XXII. 353.
- BERCHEM, or Berghem, Nicholas, Dutch painter, III. 584.
- BERCHORIUS, Petrus, French Biblical encyclopædist, VIII. 193.
- BERCHTESGADEN, or Berchtolsgraden, town, Bavaria, III. 584.
- BERDIANSK, town, Russia, III. 584; XXIII. 83.
- BERDICHEFF, town, Russian Poland, III. 585.
- BERDYANSK (Berdiansk), town, Russia, III. 584; XXIII. 83.
- BERE, cereal, III. 376; culture of, I. 359.
- BEREA (Berrhœa), ancient town, Macedonia, XV. 137.
- BEREANS, or Barclayites, Scottish sect, III. 369.
- BEREKE KHAN, Mongol ruler, XVI. 746.
- BERENGAR I., III., IV., counts of Catalonia, XXII. 311.
- II., king of Italy, X. 483; XIII. 468; XX. 788.
- BERENGARIA, wife of Richard Cœur de Lion, king of England, XX. 540.
- BERENGARIUS, of Tours, theologian and scholastic philosopher, III. 585; XXI. 421; his connexion with Lanfranc, XIV. 283.
- BERENGELITE, mineral, XVI. 428.
- BERENGER, James, of Carpi, Italian anatomist, I. 806.
- BERENICE, daughter of Agrippa I. of Judæa, III. 586; her relations with Titus, XXIII. 420.
- , wife of Ptolemy Euergetes of Egypt, III. 586.
- , town, Red Sea, III. 586.
- BÉRÉNICE, Racine's drama, XX. 206.
- BERESFORD, Marshal, English envoy in Portugal, XIX. 551.
- BEREZINA, river, Russia, III. 586; XXIV. 233.
- BEREZOFF, town, Siberia, III. 587; XXIII. 430.
- BERG, duchy, Germany, III. 587.
- BERGAMO, town, Asia Minor, XVIII. 528.
- , province, Italy, III. 587.
- , town, Italy, III. 587; church of Sta Maria Maggiore at, II. 456; pictures in, XXI. 447.

- BERGAMOT, Oil of, III. 587.
 BERGANDER, bird, XXI. 788.
 BERGEDORF, town, Germany, XI. 404; XV. 33.
 BERGEN, town, Norway, III. 588; XVII. 582.
 —, town, Rügen, Germany, XXI. 57.
 —, Charles Auguste de, anatomist, I. 814.
 BERGEN-OP-ZOOM, town, Holland, III. 588.
 BERGERAC, town, France, III. 588.
 —, Cyrano de, on travelling to the moon, I. 186.
 BERGERITE, mineral, XVI. 391.
 BERGHEM, Nicholas, Dutch painter, III. 584.
 BERGHOLZ, mineral, XVI. 425.
 BERGISCH-GLADBACH, town, Prussia, X. 631.
 BERGMANN, or Bergman, Torbern Olof, Swedish chemist and naturalist, III. 588; v. 463; XXII. 756; on alum, I. 643; on crystals, VI. 673; on the transit of Venus, II. 791.
 BERGOMUM (Bergamo), ancient town, Italy, III. 587.
 BERGUES, town, France, XVII. 535.
 BERING, Vitus (Behring), Danish Arctic explorer, III. 510; XIX. 318.
 BERKELEY, town, England, III. 589.
 —, West Virginia, U.S.A., mineral water of, XVI. 436.
 —, George, bishop of Cloyne, philosopher, III. 589; on mental association, II. 731; on the existence of God, II. 192; his philosophy in relation to Collier's, VI. 144; his view of psychology, XX. 38; as economist, XIX. 364; his place in English literature, VIII. 428.
 —, Lord John, grantee of New Jersey, U.S.A., XVII. 398.
 BERKENHOUT, John, on British birds, XVIII. 9.
 BERKHAMPSTEAD, Great, town, England, III. 591.
 BERKSHIRE, county, England, III. 592; ancient monuments of, XXI. 51; population and representation, XXIII. 727.
 — HOG, I. 400.
 BERLIN, capital of Prussia, III. 593; XX. 16; treaty of (1879), XXIII. 652; academy of sciences, I. 71; bourse, XXII. 557; libraries, XIV. 526, 546; newspapers, XVII. 428; observatory, XVII. 712; picture gallery, XXI. 445; porcelain, XIX. 640; sculptures, XXI. 566; university, XXIII. 848.
 — NEEDLE-WORK, VIII. 162.
 BERLINER, Emile, telephonic inventor, XXIII. 129.
 BERLIOZ, Hector, French musical composer, III. 598.
 BERM, in fortification, IX. 428, 429.
 BERMUDAS, islands, Atlantic Ocean, III. 599, 18; Berkeley's proposed college at, III. 590; birds of, III. 753; floating dock in, VII. 318.
 BERMUDEZ, state, Venezuela, XXIV. 140.
 BERMUDO II., king of Leon, XXII. 311; XIX. 539.
 — III., of Leon, XXII. 312.
 BERN, or Berne, canton, Switzerland, III. 600; XXII. 778, 784, 790; town, III. 600; XXII. 778; university, XXIII. 851.
 BERNACLE-GOOSE, X. 778.
 BERNADOTTE, Jean Baptiste Jules, French general and king of Sweden, III. 601; XXII. 752; in coalition against Napoleon (1813), XVII. 220.
 BERNAM, river, Malay Peninsula, XV. 321.
 BERNARD, St. of Clairvaux, mediæval philosopher and theologian, III. 601; I. 35; IX. 539; XIX. 500; XXI. 425; hymns by, XII. 584; mystical teaching of, XVII. 131.
 — of Chartres, scholastic philosopher, XXI. 423.
 — of Saxe-Weimar, general, IX. 569.
 — of Trevisa, his chemical experiments, I. 465.
 —, James, Dutch divine, III. 603.
 —, Jeanne Françoise Julie Adelaide (Madame Récamier), XX. 309.
 —, Simon, French general, III. 603.
 BERNARDES, Diogo, Portuguese poet, XIX. 556.
 BERNARDIN, St. of Siena, III. 603.
 — DE SAINT-PIERRE, French writer, XXI. 195; IX. 666.
 BERNARDINO DI BETTI (Pinturicchio), Italian painter, XIX. 108; XXI. 436.
 BERNART, of Ventadour, Provençal poet, XIX. 874.
 BERNAT DES CLOT, Catalan chronicler, XXII. 363.
 BERNAT DES COLL, Catalan chronicler, XXII. 364.
 BERNAUER, Agnes, killed at Straubing, XXII. 591.
 BERNAY, town, France, III. 603.
 BERNAYS, Jacob, classical scholar, XIII. 682.
 BERNBURG, town, Germany, III. 604.
 BERNEC, Peter, Spanish metal-worker, XIX. 184; XXI. 567.
 BERNERS, Lord (Bourchier), English writer, IV. 174.
 —, Juliana, English writer on field-sports, III. 604.
 BERNESE ALPS, I. 625.
 BERNESQUE POETRY, in Italian literature, XIII. 510.
 BERNI, Francesco, Italian poet, III. 604; XIII. 510.
 BERNICIA, district, Celtic Britain, v. 301; kingdom of, VIII. 270; XVII. 568.
 BERNINA PASS, North Italy, XXIV. 45.
 BERNINI, Giovanni Lorenzo, Italian architect and sculptor, III. 604; XX. 836; XXI. 570.
 BERNIS, Abbé, adviser of Madame de Pompadour, IX. 587, 589; XIX. 443.
 BERNOULLI (or Bernouilli), family of mathematicians and scientists, III. 604.
 —, Daniel, his theory of the motion of fluids, III. 606; XII. 437, 466; his theory of musical pipes, I. 114; on tides, XXIII. 355.
 —, James, mathematician (d. 1705), III. 604; on probability, XIX. 769, 772.
 —, James (d. 1789), III. 607.
 —, John (d. 1748), III. 605; his hypothesis of perpetual motion, XVIII. 555; his contributions to trigonometry, XXIII. 562; his problems solved by Newton, XVII. 446.
 —, John (d. 1790), III. 607.
 —, John (d. 1807), III. 607.
 —, Nicholas (d. 1726), III. 606.
 —, Nicholas (d. 1759), III. 607.
 BERNOULLIAN NUMBERS, Tables of, XXIII. 14.
 BERNSTORFF, family of Danish statesmen, VII. 87.
 BERNWARD, bishop of Hildesheim, niello-worker, XVII. 494.
 BERŒA (Aleppo), ancient town, Syria, I. 478.
 BEROIDÆ, family of Actinozoa, I. 132.
 BEROSES, Chaldæan historian and chronologist, III. 607; v. 710; XV. 144; XVIII. 561; on Babylonian cosmogony, VI. 446; on Deluge legends, VII. 54.
 BEROZOVKA, town, Russia, XXIII. 717.
 BERRI, Duc de, son of Charles X. of France, III. 608; murder of, IX. 619.
 —, Duchesse de, III. 608.
 BERRIDGE, John, hymns by, XII. 594.
 BERRIO, Spanish writer of comedias, XXII. 356.
 BERRUGUETE, Alonso, Spanish sculptor, XXI. 567.
 BERRY, form of fruit, IV. 151.
 BERRYER, Pierre Antoine, French advocate and orator, III. 608.
 BERTAUT, Françoise (Madame de Motteville), XVII. 4.
 BERTHARIUS, abbot of Monte Cassino, XXIII. 832.
 BERTHELOT, Pierre M., his researches on carbon, v. 86.
 BERTHIERINE, mineral, XVI. 415.
 BERTHIERITE, mineral, XVI. 394.
 BERTHOLD, Arnold A., on the sternum of birds, XVIII. 22.
 BERTHOLLET, Claude Louis, French chemist, III. 609; v. 464.
 BERTHOUD (Burgdorf), town, Switzerland, IV. 532.
 —, Ferdinand, Swiss chronometer-maker, III. 609.
 BERTIN, Louis F., French journalist, XVII. 425.
 —, St. abbey of, St Omer, France, XXI. 188.
 BERTINORO, town, Italy, III. 610.
 BERTOLDO, Italian jester, IX. 367.

- BERTRAND DE GOTH (Pope Clement V.), v. 821; ix. 544; XIX. 501.
- BERTRAN DE BORN, Provençal poet, XIX. 874.
- BERUSH (Dob Beer), Jewish sectarian leader, XIII. 681.
- BERVIE, village, Scotland, XIV. 79.
- BERWICK (Berwick-upon-Tweed, *q.v.*), town, England, III. 610.
- , Duke of, marshal of France, III. 610; IX. 582.
- BERWICKSHIRE, county, Scotland, III. 612; area and population, XXI. 528; representation, XXIII. 727.
- BERWICK-UPON-TWEED, town, England, III. 610; XVII. 567; in time of Alexander III. of Scotland, XXI. 486.
- BERYL, mineral and precious stone, III. 613; XVI. 418.
- BERYLLIUM, or Glucinum, chemical element, v. 526; X. 693; spectrum of, XXII. 376.
- BERYTUS, town, Phœnicia, XVIII. 804.
- BERZELINITE, mineral, XVI. 392.
- BERZELITE, mineral, XVI. 404.
- BERZELIUS, Jöns Jakob, Swedish chemist, III. 614; XXII. 758; on atomic weights, v. 465; on the blowpipe, III. 837; on fermentation, IX. 94; on uranium, XXIV. 7.
- BERZSENYI, Daniel, Hungarian poet, XII. 377.
- BES, Egyptian god, III. 614.
- BÉSALU, district, Roussillon, France, XXI. 28.
- BESANÇON, town, France, III. 614.
- BESAYA, pass of, Spain, XXII. 293.
- BESCHI, Joseph, Italian Jesuit, East Indian missionary, XXIII. 44.
- BESEKE, J. M. G., on birds, XVIII. 8.
- BESHT (Israel Baal Shem), Jewish sectarian leader, XIII. 681.
- BESH-TARYK, town, Turkestan, XXIV. 728.
- BESHTAU MOUNTAINS, Caucasus, Russia, XXII. 472.
- BESKOW, Baron von, Swedish dramatist, III. 615.
- BESSARABIA, government, Russia, III. 615; XXI. 69.
- BESSARION, Johannes, cardinal, III. 616.
- BESSÈGES, town, France, III. 616.
- BESSEL, Friedrich Wilhelm, Prussian astronomer, III. 616; on measuring arc of meridian, VII. 598.
- BESSEL'S FUNCTIONS, Table of, XXIII. 14.
- BESSEMER METAL, XIII. 284.
- BESSEMER PROCESS, of steel-making, XIII. 332; spectrum of flame in, XXII. 377.
- BESSLER, Orffyreus, on perpetual motion, XVIII. 554.
- BESSUS, satrap of Bactria, betrayer of Darius III., XVIII. 582; II. 641.
- BESTIARY, book of allegories, XIX. 6.
- BESTUZZHEFF-RIUMIN, Prof., Russian historian, XXI. 108.
- BESUKI, town, Java, XIII. 606.
- BETCHUANA, tribe, South Africa, III. 478; XVII. 319; XXIII. 468, 518.
- BETEL-LEAF, spice, India, XII. 748.
- BETEL NUT, III. 616; XVII. 664.
- BETHANY, town, Palestine, III. 617.
- BETHEL, town, Palestine, III. 617.
- BETHELL, Richard, Lord Westbury, lord chancellor of England, XXIV. 506.
- BETHENCOURT, Jean de, his conquest of the Canary Islands, IV. 795.
- BETHESDA, pool near Jerusalem, III. 617; XIII. 638.
- , Wisconsin, U.S.A., mineral water of, XVI. 436.
- BETHLEHEM, town, Palestine, III. 617; Church of the Nativity at, III. 418.
- BETHLEN, Gabriel, governor of Transylvania, XII. 369.
- BÉTHUNE, town, France, III. 617; XVIII. 340.
- , Maximilien de, duke of Sully, French statesman, XXII. 633.
- BETLIS, town, Armenia, III. 617.
- BETSIBOKA, river, Madagascar, XV. 169.
- BETSILEO, district and tribe, Madagascar, XV. 168, 171.
- BETSIMISARAKA, tribe, Madagascar, XV. 171.
- BETTERTON, Thomas, English actor and dramatist, III. 617.
- BETTI, Bernardino di (Pinturicchio), Italian painter, XIX. 108.
- BETTINELLI, Saverio, Italian writer, III. 618.
- BETTING, III. 618; law relating to, X. 66; XXIV. 305.
- BETTONGIA, genus of marsupial mammals, XIII. 840.
- BETTS COVE, copper mine, Newfoundland, XVII. 384.
- BETUL, district, India, III. 619.
- BETWA, river, India, III. 620; XVII. 572.
- BEUDANITE, mineral, XVI. 408.
- BEUDANT, François Sulpice, French mineralogist, III. 620.
- BEULÉ, Charles Ernest, French archaeologist, III. 620.
- BEURBACH, George, Austrian astronomer, II. 751.
- BEUST, Baron, Saxon and Austrian statesman, III. 141; XXI. 356.
- BEUTHEN, town, Germany, III. 621; XXII. 53.
- , Nieder, town, Germany, III. 621.
- BEVEL-WHEELS, in mechanics, XV. 759.
- BEVERLEY, town, England, III. 621; XXIV. 748.
- , town, Massachusetts, U.S.A., III. 621.
- , town, Western Australia, XXIV. 508.
- , John of, archbishop of York, III. 621.
- BEVIS OF HAMPTON, Romance of, XX. 653.
- BEVOIBETTA, mountain, India, XVII. 509.
- BEWDLEY, town, England, III. 621; XXIV. 666.
- BEWICK, Thomas, English wood-engraver, III. 621; VIII. 438; his History of British Birds, XVIII. 10, 14, 18.
- BEX, France, mineral water of, XVI. 434.
- BEY, sovereign of Tunis, XXIII. 621.
- BEYBARS, Mameluke sultan of Egypt, VII. 755; XVII. 301; XXIII. 162.
- BEYLA, town, Baluchistan, III. 511.
- BEYLE, Marie Henri (De Stendhal), French writer, III. 621.
- BEYNEN, Koolemans, Dutch northern explorer, XIX. 325.
- BEYROUT, town, Syria, III. 622; commerce of, XXIII. 655.
- BEZA, Theodore, French scholar, III. 623.
- BEZE CODEX, I. 123; XVIII. 148.
- BEZANOZANO, tribe, Madagascar, XV. 171.
- BEZETHA, hill, Jerusalem, XIII. 638.
- BÉZIERS, town, France, III. 625.
- BÉZIQUE, game, III. 625.
- BEZIRK, Prussian administrative division, XX. 18.
- BEZWARA, town, India, XIV. 103.
- BHABAR, district, India, XI. 824.
- BHADAR, river, India, XIV. 15.
- BHAGALPUR, district and town, India, III. 626.
- BHAGATS, in Hindi literature, XI. 844.
- BHAKTAMALA (Roll of the Bhagats), Hindu work, XI. 846.
- BHAMO, town, Burmah, III. 627.
- BHANDARA, district and town, India, III. 627.
- BHANG, Indian hemp, and narcotic drug from it, III. 627; XI. 648; XVII. 231.
- BHARAICH, district, India, III. 628.
- BHARS, non-Aryan race, India, XII. 791.
- BHARTPUR, or Bhurtpore, native state, India, III. 628; XX. 260.
- , town, III. 629; siege of (1826), III. 628; XII. 805, 806.
- BHARUCH (Broach), district and town, India, IV. 356.
- BHASCARA ACHARYA, Oriental algebraist, I. 517.
- BHATGAON, town, Nepal, India, III. 629; XVII. 342.
- BHATIANA, district, India, III. 629.
- BHATNIAR (Bhattis), people, India, III. 629; XX. 110.
- BHATTA-NARAYANA, Hindu dramatist, XXI. 286.
- BHATTIS, people, India, III. 629; XX. 110.

- BHAVABHUTI, Hindu dramatist, XXI. 286.
- BHAWALPUR, state, India, III. 630.
- BHAYACHARA, land tenure, in North Western Provinces, India, XVII. 573.
- BHER, tree, XXII. 60.
- BHERA, town, India, XXI. 735.
- BHIL, British political agency, India, III. 630.
- BHI-LENG, river, Burmah, XXI. 239.
- BHILS, people, India, III. 630; XII. 791; XV. 346.
- BHILSA (Bilsa), town, India, III. 678.
- BHIWANDI, town, India, XXIII. 221.
- BHOGDABARI, town, India, XX. 272.
- BHONSLA RAJAHS, Mahratta rulers, India, XV. 292.
- BHOPAL, state, India, III. 630.
- BHOT, district, Tibet, XXIII. 338.
- BHOTAN (Bhutan), state, India, III. 631; XI. 822.
- BHOTIA KOSI, district, Tibet, XXIII. 341.
- BHOTIVAS, Nepalese race, India, XVII. 341.
- BHUJ, town, Cutch, India, VI. 731.
- BHURTPORE (Bhartpur, *q.v.*), state and town, India, III. 628.
- BHUTAN, state, India, III. 631; XI. 822.
- BHUTIAS, people of Bhutan, India, III. 631.
- BHUTTEEANA (Bhatiana), district, India, III. 629.
- BIAFARES, people, Senegambia, West Africa, XXI. 662.
- BIAFRA, country, West Africa, III. 633.
- BIAMRILLAHI, Hakim, founder of the sect of the Druses, VII. 484, 751; XI. 378.
- BIANCA CAPPELLO, wife of Francesco I. of Tuscany, XV. 791.
- BIANCHI, political party, Florence, IX. 334.
- BIANCHINI, Francis, Italian astronomer, III. 633.
- , Ludovico, Italian economist, XIX. 387.
- BIANCHI'S AIR-PUMP, XIX. 246.
- BIANDRATA, Giorgio, physician and Antitrinitarian, XXII. 230; XXIII. 725.
- BIAS, river, India, III. 633; XIV. 154; XX. 107.
- of Priene, one of the seven sages of Greece, III. 633.
- BIATA, town, Russian Poland, XXII. 37.
- BIBARS (Beybars), Mameluke sultan of Egypt, VII. 755; XXIII. 162; Nawawi resists him, XVII. 301.
- BIBERACH, town, Würtemberg, III. 633.
- BIBIRINE, vegetable alkaloid, III. 633.
- BIBIRU, or Greenheart, tree, III. 633; XI. 165.
- BIBLE, The, III. 634; inspiration of, XIII. 154; interpretation of, XI. 741; its relation to Christianity, v. 690; to the Koran, XVI. 600; circulation of, III. 649; decrees respecting, at council of Trent, XXIII. 546; monopoly of printing of, III. 650; Reimarus's view of, XX. 353; American-Indian translation, VIII. 137; Armenian version, II. 550; English, VIII. 381; the Bishops', VIII. 388; Coverdale's English translation, VI. 531; Geneva version, VIII. 387; Tyndale's English version, XXIII. 675; Wycliffe's, XXIV. 710; Ethiopic version, VIII. 613; Diodati's Italian translation, VII. 245; Luther's German, XV. 76; Ulfila's Gothic, X. 852; Polish, XIX. 301; Septuagint version, XXI. 667; Syriac versions, XXII. 824; Polyglott versions, XIX. 417; Antwerp Polyglott, II. 501; Complutensian Polyglott, XIII. 694; Plantin's Polyglott, XIX. 177; Walton's Polyglott, XXIV. 341.
- BIBLE CHRISTIANS, Methodist church, XVI. 192.
- BIBLE CHRISTIANS, Temperance Society of, XXIII. 159.
- BIBLE GLOSSES, X. 687.
- BIBLE SOCIETIES, III. 649.
- BIBLIA PAUPERUM, III. 653; XXIII. 682.
- BIBLICAL CRITICISM, Baur's contributions to, III. 448; Bleek's, III. 824; De Wette's, VII. 114; XVIII. 505; Ewald's, VIII. 775; Hupfeld's, XII. 399; XVIII. 506; Morinus's, XVI. 824; Origen's, XVII. 840; R. Simon's, XXII. 83; Spinoza on, XXII. 402.
- BIBLICAL THEOLOGY, XXIII. 239, 264, 275.
- BIBLIOGRAPHY, III. 651; De Morgan's works on, VII. 67; Dibdin's, VII. 172; of Shakespeare literature, XXI. 768.
- BIBLIOMANIA, III. 655.
- , Dibdin's, III. 655; VII. 172.
- BIBLIOPEGY, bookbinding, IV. 42.
- BIBLIOTECA VATICANA, Rome, XIV. 528, 548.
- BIBLIOTHECA, Apollodorus's work, I. 499; II. 186.
- , Photius's work, XVIII. 819.
- CLASSICA, series of works, XIV. 856.
- BIBLIOTHEQUE NATIONALE, Paris, XIV. 524.
- BIBRON, G., on reptiles, XX. 437.
- BIBULUS, Lucius Calpurnius, Roman general, III. 664.
- , Marcus Calpurnius, Roman consul, III. 664.
- BICANEER (Bikanir), state, India, III. 670; XX. 260.
- BICARBONATE OF SODA, XXII. 241.
- BICHAT, Marie François Xavier, French anatomist, III. 664; XV. 815; his descriptive anatomy, I. 816.
- BICHO DE PÉ, or Chigoe, insect, IX. 301.
- BICKFORD, on the construction of water meadows, XIII. 365.
- BICYCLE, III. 665; records of its speed, XXIII. 560.
- BIDA, town, Soudan, Africa, III. 665; XXII. 279.
- BIDASOA, river, Spain, XVII. 249.
- BIDDELIANS, English Unitarian sect, III. 666.
- BIDDLE, or Bidle, John, English Unitarian, III. 665; XXIII. 726.
- BIDEFORD, town, England, III. 666.
- , Gerard de, grand-master of Knights Templars, XXIII. 161.
- BIDLE, John, English Unitarian, III. 665; XXIII. 726.
- BIDONE, Giorgio, his experiments on waves and running water, XII. 438.
- BIDPAI, Hindu fabulist, III. 666.
- BIDRI, ornamentation, XIII. 81; XVII. 495.
- BIEBERITE, mineral, XVI. 401.
- BIEL (Bienne), town, Switzerland, III. 666; XXII. 779.
- , Gabriel, German scholastic philosopher, III. 666; XXI. 431.
- BIELA'S COMET, VI. 192; XVI. 111.
- BIELAU, village, Prussia, III. 666.
- BIELAYA TSEKOV, town, Russia, III. 667.
- BIELEFELD, town, Westphalia, III. 667.
- BIELEFF, or Byelegg, town, Russia, III. 667; XXIII. 605.
- BIELGOROD, town, Russia, III. 667.
- BIELITZ, town, Austria, III. 667.
- BIELLA, town, Italy, III. 667.
- BIELOPOLI, town, Russia, III. 668.
- BIELORUSSES, or White Russians, XXI. 79.
- BIELOSTOK, town, Russia, III. 668.
- BIELSKI, Martin, Polish writer, XIX. 301.
- BIENHOA, town, Cochin China, III. 668.
- BIENNE (Biel), lake, Switzerland, XIV. 218; XVII. 361; XXII. 777.
- , river, Jura, France, XIII. 782.
- (Biel), town, Switzerland, III. 666; XXII. 779.
- BIEQUES ISLAND, West Indies, XXIV. 261.
- BIÈVRE, stream, Paris, XVIII. 274.
- BIEZHETZ, or Byezhetsk, town, Russia, III. 668; XXIII. 672.
- BIGA, Roman chariot, v. 401.
- , province, Asiatic Turkey, XXIII. 653.
- BIGAMY, III. 668.
- BIGARADE, bitter orange, XVII. 810.
- BIG BEN, bell at Westminster, England, III. 539.
- BIGG, cereal, III. 376; culture of, I. 359; in malting, IV. 269.
- BIGGAR, town, Scotland, XIV. 251.
- BIGHINI, or Fratricelli, mediaeval sect, IX. 725; III. 507.
- BIGHORN, American mountain sheep, XXI. 785.
- BIG HORN MOUNTAINS, Rocky Mountains, U.S.A., XXIII. 797; XXIV. 713.
- BIGHT OF BENIN, West Africa, III. 572.
- BIGHT OF BIAFRA, West Africa, III. 623.

- BIGIO, Francia, Florentine artist, his relations with Sarto, XXI. 315.
- BIGLOW PAPERS, by Lowell, I. 728, 734.
- BIGNON, Jerome, French lawyer, III. 669.
- BIGORDI, Domenico (Ghirlandajo), Italian painter, X. 567; XXI. 435.
- BIGORRE, Bagnères de, town, France, III. 235.
- BIGOTIÈRE, Seigneur de la, French mathematician, XXIV. 224.
- BIHARI LAL, Hindi writer, XI. 846.
- BIHSUTUN (Behistun), Persia, rock inscriptions at, III. 509; XVIII. 567.
- BIJAINAGAR, ancient town, India, III. 669.
- BIJAPUR, state and town, India, III. 669.
- BIJNAUR, district and town, India, III. 670.
- BIJNS, Anna, Dutch poetess, XII. 92.
- BIKANIR, state, India, III. 670; XX. 260.
- BILASPUR, district, India, III. 670; town, III. 671; XIII. 823.
- BILAU, tract of country, Afghanistan, XIII. 821.
- BILBAO, town, Spain, III. 672.
- BILBERRY, plant, XXIV. 556.
- BILBOA (Bilbao), town, Spain, III. 672.
- BILBOES, The, torture, XXIII. 465.
- BILDERDIJK, Willem, Dutch poet, XII. 96.
- BILE, in physiology, XVII. 674, 675.
- DUCT, in anatomy, VII. 231.
- BILFINGER, George Bernhard, German philosopher and administrator, III. 672.
- BILGE-KEELS, in ships, XXI. 813.
- BILHARZIA HÆMATOBIA, human parasite, XXIII. 540.
- BILIKH, affluent of Euphrates, VIII. 669.
- BILIKTU KHAN, Mongol ruler, XVI. 743.
- BILIN, Bohemia, mineral water of, XVI. 435.
- BILINI, Russian popular tales, XXI. 102, 107, 109.
- BILIOUS ATTACK, gastric catarrh, XXII. 574.
- BILIOUS FEVER, in the horse, XXIV. 203.
- BILL, in parliament, III. 673; XVIII. 313.
- IN CHANCERY, III. 674.
- OF EXCHANGE, III. 673; VIII. 784, 795; discounting of, III. 329.
- OF LADING, III. 674.
- OF RIGHTS, English (1689), XX. 555.
- OF SALE, III. 674; XXI. 207; registration of, XX. 343.
- BILL-COCK, bird, XX. 223.
- BILLETING, III. 674.
- BILLETTS D'ÉTAT, of Law's Banque Général, XIV. 367.
- BILLIARDS, game, III. 674; balls for, XIII. 524.
- BILLING, Hermann, duke of Saxony, XXI. 352.
- BILLINGSGATE MARKET, London, XIV. 829.
- BILLITON, island, Indian Archipelago, III. 677.
- BILLON, base metal, XVII. 630.
- BILLS OF MORTALITY, XXII. 462; of London, XIV. 820.
- BILMA, oasis and town, Africa, III. 678; XVII. 695.
- BILSA, town, India, III. 678.
- BILSTON, or Bilsreton, town, England, III. 678.
- BILUCHIS, race of people, Baluchistan, I. 235.
- BIMA, state, Sumbawa, Indian Archipelago, XXII. 641.
- BIMANA, Cuvierian order of Mammalia, XV. 444.
- BIMETALLISM, system of currency, XVI. 736; XXII. 73.
- BINA, river, India, XXI. 146.
- BINALUND MOUNTAINS, Transcaspien Region, Russia, XXIII. 511.
- BINCK, JACOB, Danish wood-engraver, VIII. 437.
- BINDING, of books, IV. 41; XIV. 538.
- BINGEMMA HILLS, Malta, XV. 340.
- BINGEN, town, Germany, III. 678.
- BINGHAM, Joseph, English scholar, III. 678.
- BINGLEY, town, England, III. 678.
- BINIANA (Baena), ancient town, Spain, III. 229.
- BINNEY, Thomas, English preacher, III. 678.
- BINNITE, mineral, XVI. 394.
- BINOCULAR MICROSCOPE, XVI. 272.
- BINOMIAL THEOREM, in algebra, I. 555; table of coefficients, XXIII. 13.
- BINTANG, island, Indian Archipelago, III. 679; XV. 321.
- BINTURONG, carnivorous mammal, XV. 436.
- BINUE, river, confluent of Niger, Africa, XVII. 497; XXII. 248, 277.
- BIOBIO, river, Chili, V. 617.
- BIOGENESIS, in biology, I. 49; III. 689.
- BIOGENETIC LAW, Haeckel's, XX. 422.
- BIOLOGY, III. 679; divisions of, XXIV. 799; evolution in, VIII. 744; in relation to morphology, XVI. 841; to physiology, XIX. 8; to zoology, XXIV. 799.
- BION, Greek poet, III. 696.
- BIONOMICS, in zoology, XXIV. 817.
- BIOSCHI (Fratricelli), mediæval sect, IX. 725.
- BIOT, Jean Baptiste, French physicist, III. 696; I. 194; his investigations in electricity, VIII. 9.
- BIOTITE, mineral, XVI. 412.
- BIR, town, Asiatic Turkey, III. 697.
- BIRAN, F. P. G. Maine de, French philosopher, XV. 302.
- BIRARA (New Britain), island, South Pacific, XVII. 372.
- BIRARS, Tungus tribe, Siberia, XXIII. 608.
- BIRBHUM, district and town, India, III. 697.
- BIRCA (Björkö), ancient town, Sweden, XXII. 558, 737.
- BIRCH, tree, III. 697; in United States, XXIII. 808; culture of, II. 317.
- , J. W., British resident, Perak, XXII. 587.
- , Thomas, English writer, III. 698.
- BIRD, island, Seychelles, Indian Ocean, XXI. 725.
- , William, English musical composer, III. 698.
- LOUSE, insect, XV. 24.
- BIRDS, III. 699 (index, 777); XVIII. 2; their relations to reptiles, XXI. 323; fossil, III. 728; mimicry in, XVI. 341; olfactory organs of, XXII. 166; organs of touch, XXIII. 479; reproduction, XX. 409; skeleton, XXII. 106; their swimming and flying powers, IX. 308; taxidermy, XXIII. 90; parasites of, XVIII. 260; geographical distribution of, III. 736; VII. 269; of America, I. 684; of India, XII. 743; of the Himalayas, XI. 834; works on development of, VIII. 168.
- , The, of Aristophanes, II. 509.
- OF AMERICA, by Audubon, III. 70.
- OF PARADISE, III. 778; XV. 504.
- OF PASSAGE, Longfellow's poem, XIV. 861.
- BIREJIK, town, Asiatic Turkey, III. 697.
- BIREME, Greek ship, XXI. 805.
- BIREN, E. J., favourite of Anna of Russia, II. 60; XXI. 98.
- BIRGER, king of Sweden, XXII. 745.
- BIRGITTA, or Bridget, St. of Sweden, XVI. 711, 716; XXII. 753.
- BIRJAND, town, Persia, XVIII. 627, 628.
- BIRKARLIANS, Swedish adventurers in Lapland, XIV. 307.
- BIRKBECK, George, English philanthropist, III. 779.
- BIRKEBEINAR, Norwegian political party, XVII. 588.
- BIRKENFELD, principality, Germany, XVII. 757.
- BIRKENHEAD, town, England, III. 779; XIV. 715.
- , Sir John, early newspaper writer, XVII. 414.
- BIRMENSTORF, Switzerland, mineral water of, XVI. 436.
- BIRMINGHAM, town, England, III. 780; libraries, XIV. 521, 542; newspapers, XVII. 422; population and representation, XXIV. 379.
- BIRON, Armand, duke of, marshal of France, III. 786.
- , Charles, duke of, French admiral, III. 786; IX. 565.
- , Louis Antoine, Marshal, friend of Admiral Rodney, XX. 618.
- BIRR, town, Ireland, XVIII. 328.

- BIRS NIMRUD, part of Babylon, III. 183.
 BIRSK, town, Russia, XXIII. 717.
 BIRTH, Ceremonies connected with, in relation to totemism, XXIII. 469; law in regard to concealment of, XIII. 4; registration of, XX. 343.
 —, in comparative physiology, XX. 410.
 BIRTH-RATE, its average in different countries, XIX. 516.
 BIRTHRIGHT, XIX. 733.
 BIRYUTCH, town, Russia, XXIV. 298.
 BISACCIA, town, Italy, III. 786.
 BIS ACCUSATUS, Lucian's dialogue, xv. 44.
 BISANTHE (Rodosto), ancient town, Turkey in Europe, XX. 618.
 BISBAL, La, Count of (Henry Joseph O'Donnell), Spanish marshal, XVII. 727.
 BISCAY, province, Spain, III. 787; XXII. 298.
 —, Bay of, III. 787.
 BISCEGLIA, town, Italy, III. 787.
 BISCHWEILER, town, Alsace, Germany, III. 787.
 BISCOP, Benedict, English monk, III. 481; XVI. 707.
 BISCUIT, in pottery, XIX. 601.
 BISCUITS, Manufacture of, III. 252.
 —, Concentrated meat, XIX. 707.
 BISHARI, tribes, Nubia, XVII. 610.
 BISHIR, African fish, I. 260; XIX. 429.
 BISHOP, III. 787; v. 700; VIII. 484; XIX. 674; XX. 629; election of, VI. 265; position of, in British peerage, XVIII. 459, 465.
 —, Apostolic, a title of the pope, XIX. 498.
 —, George, his observatory, Regent's Park, London, XVII. 711.
 —, Sir Henry Rowley, English musical composer, III. 789.
 BISHOP-AUCKLAND, town, England, III. 790.
 BISHOP ROCK LIGHTHOUSE, Scilly Islands, England, XIV. 616.
 BISHOPS, Roman (popes), List of, XIX. 488, 509.
 — AND REGULARS, Congregation of, Church of Rome, XX. 629.
 BISHOP'S HATFIELD, town, England, XI. 520.
 BISHOP-STORTFORD, town, England, III. 790.
 BISHOPWEARMOUTH, suburb of Sunderland, England, III. 790; XXII. 657.
 BISKARA, or Biskra, town, Algeria, III. 790.
 BISMARCK, Prince von, German statesman, IX. 625; X. 510; XX. 12; XXIV. 582.
 BISMITE, mineral, XVI. 388.
 BISMUTH, chemical element, III. 790; v. 539; XVI. 380, 395; magnetic properties of, xv. 267; in medicine, VII. 587; ores of, III. 790; XVI. 58; telluric, XVI. 380.
 BISMUTHINE, mineral, III. 790; XVI. 394.
 BISMUTHITE, mineral, XVI. 399.
 BISMUTOFERRITE, mineral, XVI. 425.
 BISMUTO-SPHÆRITE, mineral, XVI. 399.
 BISON, ungulate mammal, III. 792; xv. 432; of India, XII. 742.
 BISSAGOS, islands, West Africa, XXI. 661.
 BISSCHOP, Simon (Episcopius), Dutch theologian, VIII. 493.
 BISSEN, W., Danish sculptor, XXI. 570.
 BISTRE, pigment, XIX. 88.
 BISUTUN (Behistun), Persia, rock inscriptions at, III. 509; XVIII. 567.
 BIT, boring tool, XI. 438.
 BITHYNIA, province, Asia Minor, III. 792; coins of ancient, XVII. 645.
 —, genus of snails, XXII. 188.
 BITLIS, town, Armenia, III. 617.
 BITOLIA, town, Turkish Roumelia, XVI. 719.
 BITONTO, town, Italy, III. 793.
 BITSCH, town, Lorraine, Germany, III. 794.
 BITTER-ALMOND OIL, its chemical relations, XXIV. 626.
 BITTER APPLE, or Colocynth, plant, VI. 150.
 BITTERN, bird, III. 794; XI. 761; XIII. 576.
 —, Sun, bird, XXII. 652.
 BITTER ROOT MOUNTAINS, Rocky Mountains, U.S.A., XXIII. 797.
 BITTERS, alcoholic beverage, III. 794; XIV. 686.
 BITTERSWEET, plant, XVII. 499.
 BITTER WATERS, XXIV. 399.
 BITUMEN, mineral, XVI. 428.
 BITUMINOUS COAL, VI. 45.
 BITZIUS, Albert, Swiss writer, XXII. 799.
 BIVAR, Rodrigo Diaz de (the Cid), Spanish hero, v. 773.
 BIWA, lake, Japan, XIII. 572.
 BIXIO, aeronaut, I. 195.
 BIVERRE, affluent of the Congo, Africa, XXIV. 764.
 BIVSK, town, Siberia, XXII. 11; XXIII. 439.
 BIZERTA, town, Tunis, North Africa, III. 794; XXIII. 620.
 BJARNI, early Danish navigator, XI. 171.
 BJERREGAARD, Henrik Anker, Norwegian poet, XVII. 590.
 BJOREIA, river, Norway, XVII. 575.
 BJÖRKÖ, island and ancient town, Sweden, XXII. 558, 737.
 BJORN, Greenland voyager, I. 706.
 BJÖRNSON, B., Norwegian poet and dramatist, XVII. 591; XVIII. 348.
 BLACK, Adam, publisher of Encyclopædia Britannica, VIII. 202.
 —, Joseph, chemist, III. 794; on the properties of air, v. 462; his balloon experiments, I. 189.
 BLACK, W. H., on ancient London, XIV. 841.
 —, Aniline, from vanadium, XXIV. 54.
 —, Pigments of, XIX. 88.
 —, Platinum, XIX. 191.
 — ASH MAKING, in soda manufacture, XXII. 243.
 BLACKBALL, wheat disease, I. 354.
 BLACKBAND IRON, XIII. 285.
 BLACKBIRD, bird, III. 799; XVIII. 74; of America, XI. 27.
 BLACK BOOK OF THE ADMIRALTY, I. 157; XXI. 584.
 BLACK BOOK OF THE EXCHEQUER, XXI. 36.
 BLACK BOOK OF WALES, v. 318.
 BLACKBURN, town, England, III. 799.
 BLACK CANONS, I. 19.
 BLACKCAP, bird, XXIV. 553.
 BLACK CART, river, Scotland, xx. 395.
 BLACK CASTLE, Wicklow, Ireland, XXIV. 558.
 BLACKCOCK, bird, III. 800; XI. 222; as game, XXI. 835.
 BLACK COLOURS, in dyeing, VII. 579.
 BLACK DEATH, plague, XIX. 164; VII. 684; VIII. 325; XIV. 122.
 BLACK DOME, mountain, Blue Ridge, U.S.A., XXIII. 794.
 BLACK DOME, mountain, Catskills, U.S.A., XXIII. 793.
 BLACKDOWN, Somerset, England, XXII. 257.
 BLACK DUCK, XXI. 470.
 BLACK-EYED SUSAN, song by Douglas Jerrold, XIII. 632.
 BLACKFACED SHEEP, I. 392.
 BLACKFISH, American fish, XXIV. 686.
 BLACK FLAGS, in Tong-King, XXIII. 441.
 BLACK FOREST, Germany, III. 795; XXIV. 699.
 BLACKFRIARS, London, accident at Vespers at (1623), XIV. 847.
 BLACK GUM, tree, U.S.A., XXIII. 809.
 BLACKHEAD, bird, XXI. 378.
 BLACKHEATH COMMON, London, XIV. 824.
 BLACK HILLS, Rocky Mountains, U.S.A., XXIII. 797.
 BLACK HOLE OF CALCUTTA, IV. 656; XII. 801.
 BLACK ISLE, Scotland, xx. 854.
 BLACK JACK, zinc ore, XXIV. 785.
 BLACK LEAD, XIX. 230.
 BLACKLEG, cattle disease, I. 390.
 BLACK-LETTER TYPE, XXIII. 694.
 BLACKLOCK, Thomas, Scottish poet and divine, III. 800.
 BLACK-MAILING, crime, XXIII. 233.
 BLACKMORE, Sir Richard, English writer, III. 800.
 BLACK MOUNTAINS, North Carolina, U.S.A., XVII. 559.
 BLACKNESS CASTLE, Linlithgow, Scotland, XIV. 670.

- BLACKPOOL, town, England, III. 800.
 BLACK PRINCE, Edward, the, VII. 686;
 VIII. 319.
 BLACK QUARTER, cattle disease, XVII.
 58.
 BLACK RIVER, New York, U.S.A., XVII.
 451.
 BLACK ROD, Usher of the, XXI. 37.
 BLACK ROT, vine disease, XXIV. 240.
 BLACK SEA, III. 795; XV. 820; restric-
 tions on its navigation, XXIII. 647,
 650.
 BLACKSTART, bird, XX. 318.
 BLACKSTONE, Sir William, English
 jurist, III. 800; his definition of law,
 XIV. 355, 362.
 BLACK TOWN, part of Madras city,
 India, XV. 187.
 BLACKWALL, John, on the reproduction
 of spiders, II. 294.
 BLACK WARE, kind of pottery, XIX.
 618; Etruscan, VIII. 641.
 BLACKWATER, river, Ireland, VI. 403;
 XIV. 51; XXIV. 400.
 BLACK WITCH, bird, 687.
 BLACKWOOD, Adam, early Scottish
 jurist, XXI. 543.
 —, Henry, Scottish writer on medi-
 cine, XXI. 543.
 BLACKWOOD'S MAGAZINE, XVIII. 537;
 Lockhart's connexion with, XIV. 763;
 Wilson's connexion with, XXIV. 592.
 BLADDER, Diseases of the, XXIV. 188.
 — NUT, tree, II. 320; XVII. 664.
 — WORMS, XXIII. 49, 52.
 BLADES, W., on the sizes of books, IV.
 38.
 BLADON, Alabama, U.S.A., mineral
 water of, XVI. 436.
 BLAENAVON, town, Monmouth, England,
 XVI. 754.
 BLAEU, William Jansson, his geographi-
 cal globes, X. 683.
 BLAGOVYESCHENSK, town, Siberia, XXII.
 11.
 —, monastery, Nijni-Novgorod, Rus-
 sia, XVII. 501.
 BLAGROVE, Henry, English musician,
 XVII. 93.
 BLAINVILLE, Henri Marie Ducrotay de,
 French naturalist, III. 802; on birds,
 XVIII. 20, 22, 29; on reptiles, XX. 435.
 BLAIR, Hugh, Scottish preacher and
 writer, III. 802; XX. 515.
 —, Robert, Scottish poet, III. 803.
 —, Port, town, Andaman Islands, III.
 802; II. 13.
 — ATHOL, English race-horse, Pedi-
 gree of, XII. 186.
 — CASTLE, Perthshire, Scotland,
 XVIII. 667.
 BLAIRGOWRIE, town, Scotland, XVIII.
 667.
 BLAKE, Francis, his telephone trans-
 mitter, XXIII. 130, 132.
 —, Robert, English admiral, III. 803;
 XII. 80.
 BLAKE, William, English poet and
 painter, III. 804.
 BLANC, Louis, French socialist, XXII. 208;
 on communism, VI. 213.
 —, Mont, Alps, III. 807; I. 625; XXI.
 332.
 BLANCA PEAK, Rocky Mountains,
 U.S.A., XXIII. 796.
 BLANCHARD, Émile, on birds, XVIII. 31.
 —, J. P., French aeronaut, I. 190.
 BLANCHE of Castile, mother of Louis
 IX. of France, IX. 542.
 BLANCO, Guzman, president, Venezuela,
 XXIV. 141.
 BLANE, Sir Gilbert, British physician,
 III. 807.
 BLAÑES, town, Spain, III. 807.
 BLANFORD, W. J., on geology of Persia,
 XVIII. 621.
 BLANKENBURG, town, Germany, XXI.
 461.
 BLANK VERSE, Marlowe's introduction
 of, XV. 556.
 BLANPAIN'S COMET, VI. 191.
 BLANQUEFORT, Bertrand de, Knight
 Templar, XXIII. 161.
 BLARINA, genus of shrews, XXI. 844.
 BLARNEY, village, Ireland, III. 807.
 — CASTLE, Cork, Ireland, VI. 405.
 BLASIUS, Gerard, on birds, XVIII. 7.
 —, J. H., on birds, XVIII. 9, 26.
 BLASPHEMY, III. 807.
 BLAST ENGINES, used in metallurgy,
 III. 551; XVI. 60.
 BLAST FURNACE, IX. 840; III. 550;
 XIII. 297.
 BLASTING, III. 808; most extensive ever
 attempted, XXIII. 622; in mines, XVI.
 445.
 BLASTOCCELE, in animal development,
 II. 51.
 BLASTOIDEA, order of Echinodermata,
 VII. 638.
 BLASTOMERES, in animal development,
 II. 51.
 BLASTOSPORE, in animal development,
 VIII. 746.
 BLATTIDÆ, group of insects, XIII. 152.
 BLAXTON, William, early settler at
 Boston, U.S.A., IV. 73.
 BLAZONRY, in heraldry, XI. 684, 705.
 BLEACHING, III. 811; of linen yarn,
 XIV. 666.
 — POWDER, chloride of lime, V. 678.
 BLEDA, king of the Huns, XII. 381.
 BLEEDING, as disease, XVIII. 375.
 BLEEK, Friedrich, German Biblical
 scholar, III. 823; on the Pentateuch,
 XVIII. 506.
 —, Wilhelm Heinrich Immanuel,
 African traveller and scholar, III.
 824.
 BLEINIÈRE, mineral, XVI. 428.
 BLEKINGE, province, Sweden, V. 112;
 XXII. 741.
 BLEMMEYES, native tribes, Africa, XVII.
 612.
 BLENDE, or Zinc Blende, mineral, XVI.
 392; XXIV. 785.
 —, Nickel, mineral, XVII. 487.
 BLENHEIM, village, Bavaria, III. 825;
 battle of (1704), III. 126; VIII. 353;
 IX. 581; XV. 554.
 — HOUSE, Oxford, England, III.
 825; XXIV. 653; Vanbrugh's design,
 XXIV. 55.
 BLENNY, fish, XII. 690; XXI. 614.
 BLESBOK, kind of antelope, II. 101.
 BLESENSIS, Petrus (Peter of Blois),
 mediæval writer, XVIII. 698.
 BLESSINGTON, Countess of, English
 writer, III. 825; her relation to Count
 D'Orsay, VII. 370.
 BLICHER, Steen Steensen, Danish
 writer, III. 825; VII. 92; XVIII. 348.
 BLIDAH, town, Algeria, III. 825.
 BLIGH, William, English admiral and
 explorer, III. 825; X. 190; XIX. 132;
 XXIII. 24.
 BLIND, The, III. 826; printing types for,
 XXIII. 696; associations and colleges
 for, III. 816.
 — FISH, in caves, XII. 693; XV.
 450.
 — HARRY, Scottish minstrel and
 writer, XI. 496; XXI. 541; XXIV. 326.
 — MAN'S BUFF, Wilkie's picture,
 XXIV. 568.
 BLINDNESS, XVII. 784.
 BLIND TRAVELLER, The (James Hol-
 man), English traveller, XII. 103.
 BLISTERING BEETLE, or Spanish
 Fly, insect, VI. 133; V. 31.
 BLITHE, or Blythe, Walter, writer on
 agriculture, I. 297, 329, 331.
 BLITONG (Billiton), island, Indian
 Archipelago, III. 677.
 BLOATERS, Curing of, IX. 253.
 BLOCH, Mark Eliezer, German natural-
 ist, III. 833; on fishes, XII. 632.
 BLOCK, Maurice, on statistics, XXII.
 461.
 BLOCKADE, in war, III. 834; XIII. 194;
 XXIV. 364.
 BLOCKADE-RUNNING, in American
 civil war, III. 237; XXIII. 775.
 BLOCK-BOOKS, III. 652; XXIII. 683;
 printing of, XXIII. 682.
 BLOCK MACHINERY, III. 833; invention
 of, IV. 398; XV. 152.
 BLOCKS, in mechanics, XV. 763.
 BLOCKSBERG, hill in Budapest, Hun-
 gary, XVIII. 691.
 BLOCK SYSTEM, Railway, XX. 238.
 BLÖDITE, mineral, XVI. 402.
 BLOEMFONTEIN, town, Orange River
 Free State, South Africa, XVII. 813.
 BLOEMHOFF, district, Transvaal, South
 Africa, XXIII. 518.
 BLOIS, town, France, III. 835; treaties
 of (1504), IX. 555.
 —, Peter of, mediæval theologian and
 moralist, XVIII. 698.
 BLOMBERG, or Blumberger, Barbara,

- mother of Don John of Austria, XIII. 716; XX. 291.
- BLOMFIELD, Charles James, bishop of London, III. 835.
- BLOMSTRANDITE, mineral, XVI. 426.
- BLONDEL, David, French Protestant clergyman, III. 836.
- BLONIE, town, Russian Poland, XXIV. 375.
- BLOOD, of mammals, XV. 364; human, I. 845; in relation to nutrition, XVII. 677; in relation to respiration, XX. 482; diseases of the, XVIII. 376; as manure, I. 349; ordeal by, XVII. 819; sacrifice of, XXI. 136; in slaughter-houses, I. 7; John Hunter's work on the, XII. 389.
- , Circulation of the, XXIV. 98; I. 899; XI. 503; XIV. 411; discovery of, XV. 810; demonstrated by Harvey, I. 810; first seen by Malpighi, XV. 338; hinted at by Mondino, I. 806; partially announced by Servetus, I. 810; during sleep, XXII. 155; in crustaceans, VI. 640; in fishes, XII. 658.
- , Thomas (Colonel), Parliamentary officer, III. 836.
- BLOOD-BATH OF STOCKHOLM, XI. 333.
- BLOOD-COVENANT, XXI. 138.
- BLOOD-FEUD, VI. 582; in relation to totemism, XXIII. 472.
- BLOODHOUND, VII. 328.
- BLOOD-LYMPH, of molluscs, XVI. 634.
- BLOOD-POISONING, XXI. 666.
- BLOOD-RAIN, X. 266.
- BLOODSTONE, mineral, I. 278; XI. 634; XVI. 389.
- BLOOD-VESSELS, Diseases of, XXII. 683; granulations of, XVIII. 364; influence of nerves on, XIX. 30.
- BLOODWITH AND FLEDWITH, Cinque Port right, V. 787.
- BLOODWORT, plant, VII. 310.
- BLOODY ASSIZE, Jeffreys's, XIII. 618.
- BLOODY FLUX, disease, VII. 584.
- BLOOM, compacted mass of iron, XIII. 327.
- , in tanning, XIV. 384.
- BLOOMERY, iron forge, XIII. 290.
- BLOOMFIELD, Robert, English poet, III. 836.
- BLOUNT, Charles, English writer, III. 836; on deism, VII. 34.
- BLOW, John, English musical composer, III. 836; XX. 112.
- BLOWING MACHINES, III. 549.
- BLOWPIPE, III. 837; Plattner's use of, XIX. 213; oxyhydrogen, XVIII. 105.
- BLUBBER, Whale, XXIV. 523, 529; consumption of, by Eskimo, VIII. 545.
- BLÜCHER, Gebhard Leberecht von, Prussian field-marshal, III. 840; XVII. 220; at Waterloo (1815), XVII. 224.
- BLUDENZ, town, Vorarlberg, Austria, XXIV. 297.
- BLUE, Pigments of, XIX. 87; from cobalt, VI. 82.
- BLUE, Prussian, dye, XX. 24.
- BLUEBEARD, Legend of, XX. 258.
- BLUE-BELL, plant, XI. 478.
- BLUE BILLY, variety of ferric oxide, XIII. 285.
- BLUECAP, bird, XXIII. 419.
- BLUE COAT SCHOOL, London, XIV. 835.
- BLUE COLOURS, in dyeing, VII. 576.
- BLUEFIELDS, town, Nicaragua, XVII. 477.
- BLUE-FISH, fish-destroyer and food-fish, U.S.A., IX. 267.
- BLUE GUM, tree, VIII. 649.
- BLUE JAY, bird, XIII. 611.
- BLUE OINTMENT, in pharmacy, XVI. 34.
- BLUE ORE, clay ironstone, XIII. 288.
- BLUE PILL, in pharmacy, XVI. 34.
- BLUE RIDGE MOUNTAINS, North Carolina and Virginia, U.S.A., XVII. 559; XXIII. 794; XXIV. 256.
- BLUE STONE, sulphate of copper, VI. 351.
- BLUETHROAT, bird, XX. 318.
- BLUE VITRIOL, sulphate of copper, XXII. 637.
- BLUMBERGER, Barbara, mother of Don John of Austria, XIII. 716; XX. 291.
- BLUMENBACH, Johann Friedrich, German physiologist, III. 840.
- BLUNDEVILLE, Thomas, English geographer, XVII. 253.
- BLYTH, Edward, on birds, XVIII. 25.
- BLYTHE, or Blithe, Walter, writer on agriculture, I. 297, 329, 331.
- Bo, or Sacred Fig, tree, IX. 154.
- BOA, family of serpents, III. 841; XXII. 195.
- BOA-CONSTRUCTOR, snake, XXII. 195; XX. 144.
- BOADES, Bernat, Catalan historian, XXII. 364.
- BOADICEA, British queen, III. 841; IV. 353.
- BOANERGES, the apostles James and John, XIII. 552.
- BOAR, Wild, family of mammals, III. 841; XXII. 773.
- BOARD OF GREEN CLOTH, XXI. 37.
- BOARD OF TRADE, English, XVI. 474; XXIII. 497; American difficulties with, XXIII. 733, 736.
- BOAT, XXI. 804, 825; for racing, XXI. 31; whale, XXIV. 526; of wicker-work, III. 421.
- BOATBILL, bird, XI. 762.
- BOATBUILDING, XXI. 825.
- BOAT-RACING, XXI. 30.
- BOATSWAIN, his duties, XVII. 293.
- BOATSWAIN-BIRD, XXII. 125; XXIII. 588.
- BOAT-TAIL, bird, XI. 27.
- BÔA VISTA, one of the Cape Verd Islands, V. 52.
- , suburb of Pernambuco, Brazil, XVIII. 551.
- BOAZ, of Scripture, XXI. 111.
- BOBADILLA, Francisco de, governor of Hispaniola, VI. 175.
- BOBBILI, town, India, XXIV. 267.
- BOBOLINK, North-American bird, XVIII. 53.
- BOBROFF, town, Russia, XXIV. 298.
- BOBRUISK, town, Russia, III. 842.
- BOBRZYNSKI, Michael, Polish historian, XIX. 305.
- BOB-WHITE, bird, XX. 147.
- BOCAGE, district, France, XV. 458.
- BOCASOTI, mediæval sect, IX. 725.
- BOCCACCINO, Boccaccio, Italian painter, XXI. 437.
- BOCCACCIO, Giovanni, Italian writer, III. 842; XIII. 504; Petrarch's friendship with, XVIII. 708; his place in the Renaissance, XX. 385.
- BOCCALINI, Trajano, Italian satirist, III. 846.
- BOCCARDO, Girolamo, Italian economist, XIX. 387.
- BOCCCHUS, king of Mauretania, XIII. 766.
- BOCCONIO, Marino, Venetian conspirator, XXIV. 143.
- BOCHART, Samuel, Oriental scholar, III. 847.
- BOCHNIA, town, Austria, III. 847.
- BOCHUM, town, Prussia, III. 847.
- BOCKHOLD, Johann (John of Leyden), Anabaptist, I. 787.
- BOCKLET, Bavaria, mineral water of, XVI. 434.
- BOC-LAND, or Bookland, in English law, IX. 357; VIII. 275.
- BOCSKAY, Stephen, Transylvanian prince, XII. 369.
- BOD, Country of, native name of Tibet, XXIII. 338.
- BODDAERT, Petrus, on birds, XVIII. 7.
- BODE, Johann Elert, German astronomer, III. 847; his law of planetary distances, II. 806.
- BODENITE, mineral, XVI. 410.
- BODENSEE, or Lake of Constance, VI. 297.
- BODENSTEIN, Andreas Rudolf (Carlstadt), German Reformer, V. 113; on the canon of Scripture, V. 14.
- BODH, Syriac writer, XXII. 837.
- BODHNATHA, town, Nepal, XVII. 342.
- BODIES, Physical constitution of, VI. 310.
- BODILY ENERGY, its source, XIX. 9.
- BODIN, Jean, French economist, III. 847; IX. 655; XIX. 356.
- BODISATSHIP, in Buddhism, XIV. 226.
- BODJO, town, Sumbaya, Indian Archipelago, XXII. 641.
- BODLEIAN LIBRARY, Oxford, III. 848; XIV. 519; XVIII. 95.
- BODLEY, Sir Thomas, founder of Bodleian library, III. 848; XVIII. 95.
- BODMER, J. J., Swiss critic and poet, X. 533; XVII. 476; XXII. 797; his relations with Wieland, XXIV. 558.
- BODMIN, town, England, III. 848.

- BODONI, Giambattista, Italian painter, III. 849.
- BOD-PAS, people of Tibet, XXIII. 338.
- BOD-SKAD, language of Tibet, XXIII. 346.
- BÖDTCHER, Ludwig Adolf, Danish poet, VII. 92.
- BODY, The human, Process of repair in, XVIII. 363; theories of its relations to the soul, XVIII. 843.
- BOD-YUL, district, Tibet, XXIII. 338.
- BOE, Francis de le (Sylvius), Dutch physician, XV. 810.
- BOECE, Hector, Scottish historian, III. 849; XXI. 541.
- BOECK, C. W., Norwegian physiologist, XVII. 592.
- BOECKH, August, German scholar, III. 850; on Greek inscriptions, XIII. 122.
- BOEHM, Martin, Mennonite preacher, Pennsylvania, U.S.A., XXIII. 727.
- , Theobald, his improvements in flute construction, XVII. 98; XXIII. 521.
- BOEHME, Jakob, German mystic, III. 852; X. 529; XVII. 134; XXIII. 245; 278.
- BOENDALE, Jan van, Dutch writer, XII. 90.
- BÆOTIA, country, ancient Greece, III. 854; XXIII. 229; coins of, XVII. 642.
- BÆOTIAN, dialect of Greek, XI. 132.
- BOERHAAVE, Hermann, Dutch physician, III. 854; XV. 812.
- BOERO (Buru), island, Indian Archipelago, IV. 572.
- BOERS, in Cape Colony, v. 45; Orange Free State, XVII. 813; Transvaal, XXIII. 518.
- BOËTIE, Étienne de la, French writer, IX. 655.
- BOETIUS, Anicius Manlius Severinus, Roman statesman and philosopher, III. 855; XXI. 420; on music, XVII. 80; on numerals, XVII. 626; King Alfred's translation of his work, I. 507.
- BOGAERS, Adrianus, Dutch poet, XII. 97.
- BOGBUTTER, mineral, XVI. 429; found in peat, I. 154.
- BOGDAN, voivode of Moldavia, XXI. 19.
- BOGDANOVICH, Ippolyt F., Russian poet, XXI. 106.
- BOGHAZ-KEUY, town, Asia Minor, III. 858; XVIII. 850.
- BOGHEAD MINERAL, source of paraffin, XVIII. 240.
- BOG IRON ORE, XIII. 285; 287.
- BOGLE, George, traveller in Tibet, XXIII. 338.
- BOG-MOSS, plant, XVII. 65.
- BOG-OAK, wood, XVII. 691.
- BOGODUKHOFF, town, Russia, III. 858.
- BOG OF ALLEN, Ireland, I. 582.
- BOGOLIUBSKI, Andrew, prince of Suzdal, Russia, XXI. 89.
- BOGOMIL, biographer of Justinian, XXIII. 276.
- BOGOMILI, heretical sect, Greek Church, III. 858; XV. 487.
- BOGONG, mountain, Victoria, Australia, XXIV. 215.
- BOGORIS, king of Bulgaria, XVII. 483.
- BOGORODITSK, town, Russia, XXIII. 605.
- BOGOSLOVSKITE, mineral, XVI. 411.
- BOGOTA, capital of Colombia, III. 858.
- BOGRA, district, India, III. 859.
- BOGS, Reclamation of, I. 403.
- BOGUTCHARV, town, Russia, XXIV. 298.
- BOHADDIN, or Boha-Eddyn, Arabian writer and statesman, III. 859.
- BOHAEDDIN, Moktana, Druse apostle, VII. 484.
- BOHEA TEA, v. 636; XXIII. 99.
- BOHEIRA, lake, Tunis, XXIII. 621.
- BOHEMIA, III. 860; its connexion with Silesia, XXII. 51; the Reformation in, XX. 336; language, XXII. 151; dictionaries of language, VII. 188; literature, XXII. 151; XVIII. 543; Palacky's contributions to history of, XVIII. 142.
- BOHEMIAN BRETHREN, XIX. 697.
- BOHEMIANISM, Literary, XVII. 54.
- BOHEMIANS, XXII. 145; 147.
- BOHEMOND, Marc, crusader, III. 861; VI. 624; IX. 538.
- BÖHL VON FABER, Cecilia, Spanish novelist, VIII. 833.
- BÖHME, or Boehme, Jakob, German mystic, III. 852; X. 529; XVII. 134; XXIII. 245; 278.
- , Prof., Goethe's relations with, X. 722.
- BÖHMEN (Bohemia, *q.v.*), III. 860.
- BÖHMERIA, plant, XX. 506.
- BOHOL, island, Philippines, XVIII. 752.
- BOHTAN SU, affluent of the Tigris, XXIII. 387.
- BOIARDO, Matteo Maria, Italian poet, III. 862; II. 503; VII. 418; XIII. 508; Panizzi's editions of his Orlando, XVIII. 212.
- BOIARS, class of Russian aristocracy, XXI. 81, 92, 95; in Moldavia, XXI. 20.
- BOIDÆ, family of snakes, XXII. 193; 195.
- BOIELDIEU, François Adrien, French musical composer, III. 862.
- BOII, ancient Celtic people, III. 863; XIII. 446.
- BOILEAU, Étienne, founder of industrial guilds in Paris, XVIII. 288.
- BOILEAU-DESPRÉAUX, Nicolas, French writer, III. 863; IX. 657; as satirist, XXI. 319; his relations with Racine, XX. 204.
- BOILER, for plant-houses, XII. 228; for steam-engine, XXII. 496; improvements in, for smoke abatement, XXII. 181.
- BOILING, of meat, VI. 332.
- BOILING-POINT, VIII. 728; of water at different heights, III. 387; measurement of, XX. 130; 134.
- BOINEBURG, Johann Christian von, his relations with Leibnitz, XIV. 418.
- BOIS, John, translator of English Bible, IV. 186.
- BOIS-BRÛLÉS, French-Indian half-breeds, XX. 315.
- BOIS DE BOULOGNE, Paris, XVIII. 275.
- BOIS DE VINCENNES, Paris, XVIII. 276.
- BOISGUILLEBERT, Pierre, French economist, XIX. 359.
- BOIS-LE-DUC, town, Holland, III. 864.
- BOISSARD, Jean Jacques, French scholar, III. 864.
- BOISSONADE, Jean François, French scholar, III. 864.
- BOISY, François de (St Francis of Sales), IX. 695.
- BOJA, mediæval race, Africa, XXII. 615.
- BOJANUS, Organ of, in Mollusca, XVI. 692, 695.
- BOJUK MENDER, river, Asia Minor, II. 708.
- BOKHARA, country and town, Central Asia, IV. 1; XVIII. 101; conquest of, by Alexander, XV. 141.
- BOKHARI, Moslem jurist, XVI. 594.
- BOLAN, river, Baluchistan, III. 302.
- BOLANOS, Franciscan missionary to Paraguay, XVIII. 245.
- BOLBEC, town, France, IV. 4; XXI. 626.
- BOLDENSELE, William of, German mediæval traveller, XV. 474.
- BOLE, mineral, XVI. 425.
- BOLESŁAW, or Boleslaus, I., king of Poland, XIX. 286; X. 486.
- II., of Poland, XIX. 286.
- III.-V., of Poland, XIX. 287.
- BOLEYN, Anne, wife of Henry VIII. of England, IV. 4; VIII. 336; XI. 664; Cranmer's relations with, VI. 549.
- BOLI, town, Asiatic Turkey, IV. 4.
- BOLIDE, meteor, XVI. 108.
- BOLINGBROKE, Viscount (Henry St John), IV. 4; Burke's satirical imitation of, IV. 539; his deism, VII. 35; his relations with Harley, XVIII. 100; with Swift, XXII. 764.
- BOLIVAR, state, Venezuela, XXIV. 140.
- , Simon, South-American liberator, IV. 7; in Peru, XVIII. 678.
- BOLIVIA, country, South America, IV. 10; I. 713; burial towers in, II. 452; Indian tribes, XII. 828.
- BOLIVITE, mineral, XVI. 396.
- BOLKHOFF, town, Russia, XVII. 826.
- BOLLAND, John, Jesuit father, IV. 18.
- BOLLANDIST FATHERS, authors of Acta Sanctorum, IV. 18.
- BOLOGNA, province, Italy, IV. 19.
- , town, Italy, IV. 19; concordat of (1516), XIX. 503; sittings of council of Trent at (1547), XXIII. 546; early law school, IV. 517; library, XIV. 530; 548; museum, I. 475; observatory, XVII. 714; school of painting, XXI. 437, 443; pictures, XXI. 447; sculpture, XIX. 124; university, XXIII. 832.

- BOLOGNA, Giovanni da, sculptor, IV. 19; XXI. 569.
 — PHIALS, illustrative of annealing, II. 63.
 BOLOGNE, Jean (Giovanni da Bologna), sculptor, IV. 19; XXI. 569.
 BOLOR (Kashkar), state, Central Asia, XIV. 9.
 BOLSEC, Jerome, his controversy with Calvin, IV. 718.
 BOLSENA, town, Italy, IV. 20.
 BOLSHOYE, lake, Siberia, XXIV. 742.
 BOLSHOY TOKMAK, town, Russia, XXIII. 83.
 BOLSON DE MAPIMI, district, Mexico, XVI. 216.
 BOLTON, town, Lancashire, England, IV. 20.
 — ABBEY, Yorkshire, England, XXIV. 749.
 — CASTLE, Yorkshire, England, XXIV. 749.
 BOLTONITE, mineral, XVI. 410.
 BOLTS, law exercises, XIII. 88.
 BOLTZMANN, L., his electrical measurements, VIII. 37; on radiation, XX. 216; on strains in solids, VI. 312.
 BOLZANO, town, Austria, IV. 169.
 —, Bernhard, Catholic theologian, IV. 20.
 BOMARSUND, fortress, Åland Islands, Russia, I. 441.
 BOMBA, harbour, Tripoli, North Africa, XXIII. 575.
 —, nickname of Ferdinand II., king of Naples, IX. 79; XIII. 489.
 BOMBARDES, ancient cannon, II. 557.
 BOMBARDIER, beetle, VI. 129.
 BOMBARDT, musical instrument, XVII. 706.
 BOMBAY, presidency, India, IV. 21; acquisition of, XII. 799; army, II. 590.
 —, town, India, IV. 25; Jewish settlement in, XIII. 685; libraries, XIV. 533; newspapers, XVII. 432; Parsees in, XVIII. 327; university, XXIII. 856.
 BOMBELLI, R., his work on algebra, I. 514.
 BOMBERG, Daniel, Venetian printer, XIX. 176; his Hebrew Bibles, III. 647.
 BOMBON, lake, Philippine Islands, XVIII. 749.
 BOMBUS, genus of bees, XII. 342.
 BOMBYX MORI, silkworm, XXII. 57.
 BOMVANILAND, territory, South Africa, XIII. 817.
 BON, Bartolomeo, Venetian sculptor, XXI. 568.
 BONA, town, Algeria, IV. 31.
 BONABE, island, Pacific Ocean, XVI. 257.
 BONAFEDE, Paganino, Italian poet, XIII. 506.
 BONAGRATIA, Franciscan, XVII. 717.
 BONAI, tributary state, India, V. 769.
 BONAIRE, island, West Indies, XXIV. 510.
 BONALD, Vicomte de, French philosopher, IV. 27; IX. 672.
 BONANNUS, Italian metal-worker, XVI. 74, 760.
 BONANZA, rich mineral lode, XVI. 441; XVII. 368.
 BONAPARTE, Corsican family, IV. 27; XXI. 192.
 —, Charles Lucien, naturalist, IV. 29; on birds, XVIII. 14, 16, 17, 31.
 —, François Charles Joseph (Napoleon II.), XVII. 226.
 —, Jérôme, king of Westphalia, IV. 30.
 —, Joseph, king of Naples and Spain, IV. 27; IX. 616; XVII. 191; XXII. 344.
 —, Louis, king of Holland, IV. 29.
 —, Louis Lucien, philologist, IV. 29.
 —, Louis Napoleon (Napoleon III., *q.v.*, emperor of the French), XVII. 226; IV. 29; IX. 622; his intervention in Italy, XIII. 490.
 —, Lucien, prince of Canino, IV. 28; ambassador to Spain, XIX. 550.
 —, Marie Anne Elisa, sister of Napoleon I., IV. 29.
 —, Marie Annonciade Caroline, wife of Murat, IV. 30.
 —, Marie Pauline, sister of Napoleon I., IV. 29.
 —, Napoleon (Napoleon I., *q.v.*, emperor of the French), XVII. 192; IX. 608; his campaigns against Austria, III. 130; his rule in Italy, XIII. 485; his invasion of Russia, XXI. 100.
 —, Pierre Napoleon, adventurer, IV. 29.
 BONA SFORZA, queen of Poland, XIX. 290.
 BONAVENTURA, St, theologian and philosopher, IV. 30; XVI. 710; XXI. 427; his mystical teaching, XVII. 132.
 BONAVENTURE, island, Canada, XX. 165.
 BONA VISTA BAY, Newfoundland, XVII. 383.
 BOND, Henry, his contributions to navigation, XVII. 255.
 BONDAR, Swedish landed freemen, XXII. 744.
 BOND MEN, European peasants, I. 294.
 BONDONE, Giotto di (Giotto), Italian painter, X. 609; XXI. 434.
 BONDU, kingdom, West Africa, IV. 31.
 BONDUC NUT, XVII. 664.
 BONE, XXII. 109; I. 853; diseases of, XXII. 684; fracture of, XXII. 681, 684; repair of broken, XVIII. 366; tumours of, XVIII. 370; of fishes, XII. 640; of mammals, XV. 355; for gelatin making, X. 132; coloured by madder-feeding, XV. 176; Duhamel's experiments on, VII. 518. See Bones.
 —, town, Algeria, IV. 31.
 —, Henry, English enamel painter, IV. 32; VIII. 185.
 BONE-BLACK, V. 399.
 BONE-CAVES, V. 267.
 BONE NAPHTHA, XVII. 175.
 BONE PHOSPHATES, of Charleston, U.S.A., V. 428.
 BONER (Bonner), Edmund, bishop of London, IV. 34; VIII. 338, 340.
 BONES, as manure, I. 305, 347; XV. 512; as source of phosphorus, XVIII. 815.
 BO'NESS (Borrowstounness), town, Scotland, IV. 65.
 BONFIGLI, Benedetto, Italian painter, IV. 32; XXI. 436.
 BONGA, town, Central Africa, XIII. 816.
 BONGO, people, Central Africa, IV. 32.
 BONI, kingdom, Celebes, IV. 32; V. 288; bay of, V. 287.
 BONIFACE, St, apostle of Germany, IV. 33; X. 478.
 — I., pope, IV. 33; XIX. 491.
 — II., pope, IV. 33; XIX. 492.
 — III., pope, IV. 33; XIX. 494.
 — IV.—VI., popes, IV. 33.
 — VII., pope, IV. 33; XIX. 497.
 — VIII., pope, IV. 33; XIII. 476; XIX. 501; XX. 798; his quarrel with Philip IV. of France, IX. 544.
 — IX., pope, IV. 33; XX. 803.
 —, prince of Savoy, XXI. 339.
 —, marquis of Tuscany, XXIII. 671.
 BONIFACIO, town, Corsica, IV. 33; strait of, XXI. 307.
 BONI MORES, in Roman law, XX. 671.
 BONIN ISLANDS, Japan, XIII. 569, 570; XVIII. 128.
 BONITO, fish, XXIII. 625.
 BON-MOTS, ana, I. 784.
 BONN, town, Rhenish Prussia, IV. 33; observatory, XVII. 712; university, XXIII. 848.
 —, Andrew, on the anatomy of membranes, I. 814.
 BONNATERRE, Pierre Jean, on birds, XVIII. 7.
 BONNER, Edmund, bishop of London, IV. 34; VIII. 338, 340.
 BONNET, head-dress, VI. 476; straw-plaiting for, XXII. 593.
 —, Charles, Swiss naturalist and philosopher, IV. 35; XXII. 799; XXIV. 806; on development of germs, VIII. 745, 760.
 BONNETTE, in fortification, IX. 427.
 BONNEVAL, Comte de, French adventurer, IV. 36.
 BONNEVILLE, town, France, XXI. 333.
 —, Lake, Utah, U.S.A., XXIV. 19.
 BONNIVARD, François de (Prisoner of Chillon), Swiss writer, IV. 36; XXII. 797.
 BONO of Ferrara, Italian painter, XV. 501.
 BONONIA (Widdin), Roman town, Bulgaria, XXIV. 558.
 BONPA RELIGION, in Tibet, XXIII. 344.
 BON PAYS, district, France, XVII. 496.
 BONPLAND, mountain, Nevada, U.S.A., XXIII. 798.
 —, Aimé, French botanist and traveller, IV. 36.

- BONSDORFITE, mineral, XVI. 418.
 BONSTETTEN, Charles Victor de, Swiss writer, IV. 36.
 BONTBOK, kind of antelope, II. 101.
 BONTCHAIN, Peak of, Celebes, v. 288.
 BONUS, in life assurance, XIII. 178.
 BONVECINO of Riva, Italian poet, XIII. 499.
 BONVICINO, Alessandro (Il Moretto), Italian painter, XVI. 821; XXI. 436.
 BOOBY, bird, X. 71.
 BOOK, IV. 37; III. 651. See Books.
 — OF ARMAGH, Irish MS., XVIII. 158, 412.
 — OF CANONS, Scottish liturgy, XXI. 511.
 — OF CHANGES, Chinese, v. 660.
 — OF COMMON PRAYER, English, VIII. 379.
 — OF THE COVENANT, in the Pentateuch, XVIII. 509.
 — OF DAYS, by Chambers, v. 381.
 — OF DEER, Celtic, XIV. 709.
 — OF DIMMA, Irish MS., XVIII. 158.
 — OF DISCIPLINE, Scottish, XXI. 503.
 — OF HISTORY, Chinese, v. 660.
 — OF HUSBANDRY, Fitzherbert's, I. 295.
 — OF INVASIONS, Irish legends, XIII. 243.
 — OF KELLS, Irish MS., XVIII. 158.
 — OF LEINSTER, Irish, XIII. 246.
 — OF LISMORE, XIV. 694.
 — OF MARTYRS, Foxe's, IX. 503.
 — OF MORMON, XVI. 826.
 — OF ODES, Chinese, v. 665.
 — OF RITES, Chinese, v. 661.
 — OF SURVEYING, Fitzherbert's, I. 296.
 — OF THE THORN ROSE, by Almqvist, I. 596.
 BOOKBINDING, IV. 41; XIV. 538.
 BOOKCASES, XIV. 536.
 BOOK CATALOGUES, XIV. 537, 539.
 BOOK-KEEPING, IV. 44.
 BOOKLAND, in mediæval England, VIII. 275; IX. 357.
 BOOK-LOUSE, XIII. 152.
 BOOKMAKING, in betting, III. 618.
 BOOK-POST, XIX. 571.
 BOOKS, Ancient forms of, XVIII. 144; anonymous and pseudonymous, III. 657; classification of, III. 661; cleaning of, III. 821; condemned and prohibited, III. 658; copyright in, VI. 357; famous, included in chronological table, v. 720; early printed, III. 652; early printing of, XXIII. 686; prohibited, III. 658; XII. 730; rare and curious, III. 654; selection of, for libraries, XIV. 540.
 BOOKSELLING, IV. 39.
 BOOK TRADE, in Europe, X. 472; at Leipzig, XIV. 430.
 BOOLAK (Bulak), town, Egypt, VII. 769; museum at, XV. 543.
 BOOLE, George, English mathematician and logician, IV. 47.
 BOOM, for harbours, XI. 463.
 —, for supporting sails, XXI. 153.
 —, town, Belgium, IV. 48.
 BOOMAH NUT, XVII. 664.
 BOOMERANG, Australian missile, IV. 48; III. 113.
 BOONDEE (Bundi), state, India, IV. 521.
 BOONE, Daniel, American pioneer, XXIII. 739, 788.
 —, Nicholas, American journalist, XVII. 433.
 BOORDE, Andrew, jester, IX. 366.
 BOOT, The, torture, XXIII. 466.
 BOOTH, Barton, English tragedian, IV. 48.
 —, Felix, promoter of Arctic exploration, XIX. 320.
 —, John Wilkes, assassin of President Lincoln, XIV. 662.
 BOOTHIA FELIX, peninsula, North America, IV. 49.
 BOOTLE, town, England, XIV. 715.
 BOOT-MAKING, XXI. 830.
 BOOTY, in war, XIX. 766.
 BOPP, Franz, German philologist, IV. 49; on Aryan philology, XVIII. 781.
 BOQUE, river, Canton, v. 37.
 BORA, Catherine von, wife of Luther, XV. 79.
 BORA-BORA, island, South Pacific, XXIII. 22.
 BORACITE, mineral, XVI. 396; XIX. 588; polarity of, XIX. 313.
 BORAHs, class of Mohammedans, India, XII. 746.
 BORAITHO, piece of Mishnic literature, XVI. 508.
 BORAN, queen of Persia, XVIII. 615.
 BORATES, group of minerals, XVI. 396.
 BORAX, mineral, IV. 50; XVI. 396.
 BORBETOMAGUS (Worms), Roman town, Germany, XXIV. 685.
 BORCETTE (Burtscheid), town, Prussia, IV. 572.
 BORDA, Jean Charles, French mathematician, IV. 51.
 BORDEAUX, town, France, IV. 51; assembly of (1871), IX. 627; libraries, XIV. 526, 545; university, XXIII. 842.
 — WINE (Médoc), XXIV. 604.
 BORDERERS, The, Wordsworth's poem, XXIV. 669.
 BORDONI, Faustina, Italian singer, XI. 510.
 BORE, in rivers, XXIII. 353.
 BOREAS, in Greek mythology, IV. 53; III. 59.
 BORECOLE, vegetable, XII. 279.
 BOREIDA, town, Arabia, XVII. 774.
 BOREL, count of Barcelona, XXII. 74.
 BORELLI, Giovanni Alfonso, Italian physician, IV. 53; VII. 128; XV. 810; on the circulation of the blood, XXIV. 96; on the principles of flight, I. 186; IX. 317.
 BOREZ, hag-fish, XI. 370.
 BORGA, town, Russian Finland, IV. 53.
 BORGERHOUT, town, Belgium, IV. 53.
 BOR-GHAT, pass, India, XII. 734.
 BORGHESE, Italian family, IV. 53.
 —, Camillo (Pope Paul V.), XVIII. 431.
 BORGHESI, Scipione, Italian historian, XXII. 43.
 BORGHOLM, town, Öland, Sweden, XVII. 752.
 BORGIA, Alphonso de (Pope Calixtus III.), IV. 707.
 —, Caesar, son of Pope Alexander VI., IV. 53; I. 487, 489; XIII. 481; his influence in France, IX. 554; Machiavelli's idealization of him, XV. 147.
 —, St Francis, general of the Jesuits, IX. 694; XIII. 653.
 —, Lucretia, daughter of Pope Alexander VI., IV. 53; I. 487, 489.
 —, Rodrigo (Pope Alexander VI.), I. 487.
 — MAP, of 15th century, X. 180.
 BORGNE, lake, Louisiana, XV. 20.
 BORG0, town, Russian Finland, IV. 53.
 BORGOGNONE, Ambrogio, Italian painter, IX. 472; XXI. 437.
 BORG0 SAN DONNINO, town, Italy, IV. 54.
 BORGS, ancient forts, Orkney and Shetland, XVII. 848.
 BORGU, district, Central Africa, IV. 54.
 BORGUE, Scotland, ancient fort at, XIV. 98.
 BORIC ACID, v. 520.
 BORINAGE, district, Belgium, XVI. 761.
 BORING, in mining, XVI. 443; VI. 61.
 — MACHINES, XV. 156; XVI. 443.
 BORINQUEN (Porto Rico), island, West Indies, XIX. 533.
 BORIS GODUNOFF, czar of Russia, XXI. 93.
 BORISOFF, town, Russia, XVI. 479.
 BORISSOGLIEBSK, town, Russia, IV. 54; XXIII. 41.
 BORKHAUSEN, M. B., on German birds, XVIII. 9.
 BORKU, district, Central Africa, IV. 54.
 BORLASE, William, English naturalist, IV. 54.
 BORLASIA, genus of worms, XVII. 326.
 BORMIO, town, Valtellina, North Italy, XXIV. 45; mineral water of, XVI. 433; XXIV. 45.
 BORN, Ignatius, Baron von, Austrian mineralogist, IV. 55.
 BORNE, H., French potter, XIX. 630.
 BÖRNE, Ludwig, German satirist, IV. 55.
 BORNEO, island, Indian Archipelago, IV. 55; II. 687; birds of, III. 763; coal-fields, VI. 59; forests, IX. 405.
 —, British North, XXI. 123.
 — CORAL ISLANDS, Indian Ocean, XIV. 26.
 BORNHAUSER, T., Swiss poet, XXII. 799.
 BORNHOLM, island, Denmark, IV. 60.
 BORNITE, mineral, XVI. 393.

- BORNU, or Bornou, kingdom, Central Africa, IV. 60; I. 271; XXII. 279.
- BOROCALCITE, mineral, XVI. 396.
- BORODINO, Russia, Battle of (1812), IX. 616; XVII. 217; XXI. 101.
- BORON, chemical element, V. 520, 532; modifications of, XXIV. 627.
- BORONATROCALCITE, mineral, IV. 50.
- BORO-POOLOO, silkworm of Bengal, XXII. 60.
- BOROUGH, IV. 62; municipal, XVII. 27.
- , The, Crabbe's poem, VI. 540.
- BOROUGH-ENGLISH, succession custom, IV. 64; XIX. 733.
- BOROVICHI, town, Russia, IV. 64.
- BOROVSK, town, Russia, IV. 64.
- BORROMEAN ISLANDS, Lago Maggiore, Italy, IV. 64; XV. 198.
- BORROMEO, Carlo, saint and cardinal, IV. 65; XXII. 791; his treatment of the Jesuits, XIII. 650.
- BORROMINI, Francesco, Italian architect, IV. 65.
- BORRON, Hélié de, French romancist, XX. 645.
- , Robert de, French romancist, XX. 644.
- BORROWING, Ancient conditions of, XXIV. 18.
- BORROWSTOUNNESS, or Bo'ness, town, Scotland, IV. 65.
- BORSIPPA, suburb of Babylon, III. 183.
- BORSO, duke of Modena, patron of literature, VIII. 558; XVI. 542.
- BORULWASKI, Polish dwarf, VII. 568.
- BORUSSIANS, tribes, Lithuania, XIV. 701.
- BORY DE SAINT - VINCENT, French naturalist, IV. 66.
- BORYSTHENES (Dnieper), river, Russia, VII. 306.
- BORYSTHENIS, Greek colony, Scythia, XVII. 753.
- BORZNA, town, Russia, XXIII. 96.
- BOSA, town, Sardinia, IV. 66.
- BOSC, Louis Augustine Guillaume, French naturalist, IV. 66.
- BOSCAN, Juan, Spanish poet, IV. 66; XXII. 357, 363.
- BOSCAWEN, Edward, British admiral, IV. 66.
- BOSCH, Johannes van den, governor of Dutch East Indies, XII. 820; his culture system in Java, XIII. 604.
- BOSCHETTO, architect of Pisa cathedral, XIX. 122.
- BOSCH VELD, bush country, Transvaal, XXIII. 518.
- BOSCOVICH, Roger Joseph, Italian mathematician, IV. 67; his theory of atoms, III. 37.
- BOSELAPHUS, genus of antelopes, XVII. 688.
- BOS GRUNNIENS, ruminant mammal, XXIV. 725.
- BOSHETH, for Baal, in Hebrew proper names, III. 175.
- BOSIO, Antonio, on the Catacombs of Rome, V. 207.
- , Joseph, French sculptor, XXI. 564.
- BOSJESMANS (Bushmen), African race, IV. 575; I. 264.
- BOSNA SERAI, town, European Turkey, IV. 68.
- BOSNIA, province, Turkey, IV. 68; acquired by Austria, XXIII. 652.
- BOSPHORUS, strait, IV. 68; III. 797; XV. 820.
- , Kingdom of the, XIV. 52; coins of, XVII. 645.
- BOSS, in architecture, II. 461.
- BOSSI, Giuseppe, Italian painter and critic, IV. 69.
- , Giuseppe Carlo Aurelio, Baron de, Italian poet, IV. 69.
- BOSSU, René le, French critic, IV. 69.
- BOSSUET, Jacques Benigne, French ecclesiastic and orator, IV. 70; IX. 662; his four propositions, IX. 578.
- BOSTON, town, England, IV. 72.
- , town, Massachusetts, U.S.A., IV. 72; XXIII. 822; revolutionary movement at (1768-70), VIII. 358; XXIII. 738; institution for the blind, III. 830; libraries, XIV. 535, 550; newspapers, XVII. 433.
- , Thomas, Scottish divine, IV. 77.
- BOSTRÖM, Kristofer Jakob, Swedish philosopher, XXII. 757.
- BOSWELL, James, biographer of Johnson, IV. 77; XIII. 726; Croker's edition of his life of Johnson, VI. 595.
- BOSWELLIA, genus of gum-yielding trees, IX. 709.
- BÖSZÖRMÉNY, Hajdu, town, Hungary, XI. 377.
- BOTANICAL SOCIETIES, XXII. 225.
- BOTANIC GARDENS, their institution, IV. 80; at Kew, England, XIV. 55.
- BOTANY, IV. 79 (index, 162); XIX. 43; XX. 423; XXIV. 124; scope of the science, XXIV. 799; of America, I. 684; European, VIII. 690; of Himalayas, XI. 831; Cæsalpinus's work on, IV. 633; Brown's contributions to, IV. 386; De Candolle's, VII. 18; Jussieu's, XIII. 788; Linnæus's, XIV. 673; Lindley's, XIV. 663; Ray's, XX. 301; Sprengel's, XXII. 432; Theophrastus's, XXIII. 277.
- BAY, settlement, New South Wales, IV. 164; XXII. 806.
- BOTAURUS, genus of birds, XI. 761.
- BOT-FLY, VII. 256; its larva parasitic, XXIV. 205.
- BOTH, Pieter, governor of Dutch East Indies, XII. 820.
- BOTHKAMP, Germany, observatory at, XVII. 712.
- BOTHNIA, province, Sweden, IV. 164.
- , Gulf of, III. 294; XXII. 738.
- BOTHRIOCEPHALUS, genus of tapeworms, XXIII. 54; spermatozoon of, XX. 411.
- BOTHWELL, village, Scotland, IV. 164.
- , Earl of, IV. 164; XV. 595; his relations with Mary, queen of Scots, XXI. 504.
- BRIDGE, Scotland, Battle of (1679), XIV. 251; XXI. 516.
- BOTHY SYSTEM, in Scotland, I. 409.
- BOTTA, Carlo Giuseppe Guglielmo, Italian historian, IV. 164; XIII. 514.
- , Paul Émile, his Assyrian researches, IV. 165.
- BÖTTGER, Frederick, discoverer of porcelain, XIX. 639; XXI. 355.
- BOTTICELLI, Sandro, Italian painter, IV. 165.
- BÖTTIGER, Karl August, German archaeologist, IV. 167.
- BOTTLE, IV. 167; manufacture, X. 664.
- BOTTLENOSE, bird, XX. 101.
- , or True Dolphin, VII. 346; XV. 399.
- WHALE, XXIV. 525, 528. See also XV. 397.
- BOTTOM FISHING, in angling, II. 32.
- BOTTOM-ICE, in the Baltic, III. 295.
- BOTTOMRY, maritime contract, IV. 167; III. 148.
- BOTRYLLIDÆ, family of Tunicata, XXIII. 617.
- BOTRYOGENE, mineral, XVI. 402.
- BOTRYOLITE, mineral, XVI. 409.
- BOTY'S LAMP, for coal-mines, VI. 73.
- BOTZEN, town, Austria, IV. 169.
- BOUALI, town, Africa, IV. 178.
- BOUCHES - DU - RHÔNE, department, France, IV. 169.
- BOUCHET, Jean, French poet, XX. 194.
- BOUCNEMIA (Elephantiasis), disease, VIII. 126.
- BOUFARIK, town, Algeria, IV. 169.
- BOUFLERS, Duc de, marshal of France, IV. 169; IX. 581.
- BOUGAINVILLE, Louis Antoine de, French circumnavigator, IV. 169; explorer of Tahiti, XXIII. 24.
- ISLAND, South Pacific, XXII. 252.
- BOUGIE, town, Algeria, IV. 170.
- BOUGUER, Pierre, French mathematician, IV. 170; II. 757; VII. 598; his wind-pressure gauge, II. 24.
- BOUHOURS, Dominique, French critic, IV. 170.
- BOUILLON, Godfrey de, crusader, IV. 171; VI. 624.
- BOULAINVILLIERS, Henri de, French writer, IV. 171; IX. 667.
- BOULANGERITE, mineral, XVI. 395.
- BOULDER-CLAY, geological formation, X. 367.
- BOULDERS, X. 368; in the Baltic, III. 295; X. 367. See also X. 281, 285.
- BOULE, André Charles, inventor of buhlwork, IV. 446.
- BOULENGER, G. A., his classification of reptiles, XX. 439.
- BOULEUTERION, council-hall at Olympia, Greece, XVII. 767.

- BOULINIKON, floorcloth, IX. 330.
 BOULOGNE-SUR-MER, town, France, IV. 171; XVIII. 339; Louis Napoleon's landing at (1840), XVII. 227.
 BOULOGNE-SUR-SEINE, town, France, XXI. 624.
 BOULOU, spa, France, XX. 128.
 BOULOUS, tribe, West Coast, Africa, X. 3.
 BOULTON, Matthew, English engineer, IV. 172; XXIV. 413.
 BOUNTY, Mutiny of the, III. 826; XIX. 132.
 BOURBON, island, Indian Ocean, XX. 491.
 —, House of, IV. 173; connexion with Capet family, V. 55; their rule in France, IX. 565; in Italy, XIII. 484; XVII. 191; their restoration (1815), IX. 618; XVII. 223; the Family Compacts, V. 681; IX. 590; XXII. 338; princes of Condé, VI. 244; princes of Conti, VI. 319.
 —, Charles de, constable of France, IX. 556.
 —, Louis August de, French savant, XVIII. 539.
 BOURBON-LANCY, spa, France, XXI. 302.
 BOURBON-L'ARCHAMBAULT, town, France, IV. 174.
 BOURBONNE-LES-BAINS, town, France, IV. 174; XV. 562; mineral water of, XVI. 434.
 BOURBOULE, La, spa, France, XX. 120; mineral water of, XVI. 435.
 BOURCHIER, John, English writer, IV. 174.
 BOURDALOUE, Louis, French preacher, IV. 174; IX. 662.
 BOURDEILLES, Pierre de (Brantôme), French historian, IV. 216.
 BOURDELOT, his influence with Christina of Sweden, V. 703.
 BOURDON, organ stop, XVII. 830.
 BOURDU, J., French potter, XIX. 630.
 BOURG, town, France, IV. 175.
 BOURGAS, town, Turkey, IV. 176.
 BOURGELAT, Claude, French veterinarian, IV. 176; XXIV. 198.
 BOURGERY, Marc J., his treatise on anatomy, I. 817.
 BOURGES, town, France, IV. 176; university of, XXIII. 842.
 BOURGET, lake, France, XIV. 218.
 BOURG-LASTIC, coal-mines, France, XX. 120.
 BOURGOGNE (Burgundy, *q.v.*), province, France, IV. 535.
 BOURGUET, Louis, Swiss writer, XXII. 798.
 BOURIGNIANISM, heresy, IV. 177.
 BOURIGNON, Antoinette, French enthusiast, IV. 176.
 BOURMONT, Comte de, his expedition against Algiers, I. 566.
 BOURNE, intermittent spring, Croydon, England, VI. 621.
 —, Hugh, founder of Primitive Methodism, XVI. 192.
 BOURNE, Nicholas, publisher of early English newspaper, XVII. 413.
 —, Vincent, English writer of Latin verse, IV. 177.
 —, William, English writer on navigation, XIV. 769.
 BOURNEMOUTH, town, Hampshire, IV. 177.
 BOURNONITE, mineral, XIV. 375; XVI. 395.
 BOURO, island, Indian Archipelago, IV. 572.
 BOURON, Robert of, French romancist, XX. 644.
 BOUROT, Cape, New Guinea, XVII. 386.
 BOURRIENNE, Louis A. F. de, biographer of Napoleon I., IV. 177.
 BOURSALT, Edmund, French satirist, IV. 178.
 BOURSE, stock exchange, XXII. 557.
 BOURSEL, Charles, on telephony, XXIII. 128.
 BOUTREE (Elder), tree, VII. 828.
 BOUSHREVIEH, Hussein, propagator of Babism, III. 180.
 BOUSSA, town, Africa, IV. 178, 54.
 BOUTARGUE, French condiment, XV. 580.
 BOUTERWEK, Friedrich, German philosopher, IV. 178.
 BOUTHILLIER DE RANCÉ, abbot of La Trappe, XXIII. 523.
 BOUTTEVILLE, Count de, French duellist, VII. 513.
 BOUTY, Edmond, his researches in magnetism, XV. 257.
 BOUVARDIA, stove plant, XII. 265.
 BOUVINES, Flanders, Battle of (1214), IX. 542.
 BOUVRAY, France, Battle of (1429), IX. 549.
 BOVALI, town, Loango, Africa, IV. 178.
 BOVES, township, Italy, IV. 178.
 BOVIANUM (Bojano), ancient town, Italy, XXI. 249.
 BOVIDÆ, family of ungulate mammals, XV. 432.
 BOVILLÆ, ancient town, Italy, XIV. 344.
 BOVINO, town, Italy, IV. 178.
 BOW, form of salutation, XXI. 236.
 —, London, Porcelain of, XIX. 641.
 —, Violin, XXIV. 242, 246.
 — AND ARROWS, II. 371; ancient, II. 554; manufacture of, II. 376.
 BOWAIB, Battle of (c. 635), XVIII. 616.
 BOWDICH, Thomas Edward, English traveller, IV. 178.
 BOWDITCH, Nathaniel, American mathematician, IV. 178.
 BOWDLER, John, English hymn-writer, XII. 595.
 —, Thomas, editor of Shakespeare, XXI. 768.
 BOWEL, Anatomy of the, VII. 225.
 BOWER, Walter, Scottish chronicler, IX. 397; XXI. 540.
 BOWER ANCHORS, II. 5, 7.
 BOWES CASTLE, Yorkshire, England, XXIV. 749.
 BOW FELL, mountain, England, XXIV. 513.
 BOW-FIN, fish, XII. 688.
 BOWKING, in bleaching, III. 815.
 BOW LEG, Surgical treatment of, XXII. 692.
 BOWLES, Caroline Ann (Mrs Southey), English poetess, XXII. 289.
 —, William Lisle, English poet, IV. 178.
 BOWLINE KNOT, XIV. 128.
 BOWLS, game, IV. 179.
 —, ancient plate, XIX. 178.
 BOWNESS, town, England, XXIV. 516.
 BOWRING, Sir John, English writer, IV. 181.
 BOWS, river, Nebraska, U.S.A., XVII. 307.
 BOWSPRIT, of ships, XXI. 153.
 BOXING, in athletics, XXIV. 691; ancient X. 64.
 BOXWOOD, IV. 181; used for carving, XXIV. 645.
 BOYACA, town, Colombia, IV. 182.
 BOYCE, Hector, Scottish historian, III. 849; XXI. 541.
 —, William, English musical composer, IV. 182.
 BOYCOTT, The, in United States, XXIII. 786.
 BOYD, Scottish family, time of James III., XXI. 495.
 —, Zachary, Scottish clergyman, IV. 182.
 BOYDELL, John, English engraver, IV. 182.
 BOYER, Abel, English writer, IV. 182.
 —, Alexis, French surgeon, IV. 182.
 —, Jean Baptiste, French physician, IV. 183.
 —, Jean Pierre, president of Hayti, IV. 183.
 BOYLE, town, Ireland, XX. 850.
 —, Charles, earl of Orrery, IV. 183; III. 54.
 —, Elizabeth, wife of Spenser, XXII. 395.
 —, John, earl of Cork and Orrery, IV. 183.
 —, Richard, earl of Cork, IV. 183.
 —, Richard, earl of Cork and Burlington, IV. 184.
 —, Robert, British physicist, IV. 184; his contributions to chemistry, V. 460; to electricity, VIII. 3; his interest in Christian missions, XVI. 514.
 —, Roger, earl of Orrery, soldier and statesman, IV. 185.
 — LECTURES, founded by Robert Boyle, IV. 184.
 BOYLE'S LAW, of gases, XXII. 479; III. 35, 39; VII. 804; XVI. 611; XIX. 241; XXIII. 287.
 BOYL-YA, in Australian magic, XV. 199.

- BOYNE, river, Ireland, iv. 185; xv. 668; battle of the (1690), xiii. 268; xxi. 431.
- BOYSE, John, translator of English Bible, iv. 186.
- BOZ, Sketches by, Dickens's work, vii. 174.
- BOZEMAN, town, Montana, U.S.A., xvi. 774.
- BOZEN, town, Austria, iv. 169.
- BOZRAH, Scripture cities, iv. 186.
- BOZZARIS, Marcos, Greek patriot, iv. 186.
- BRA, town, Italy, iv. 186.
- BRABANT, district, Netherlands, iv. 186.
- , North, province, Holland, iv. 187.
- , South, province, Belgium, iv. 187.
- BRACCIOLINI, Francesco, Italian poet, iv. 187.
- , Gian Francesco Poggio, Italian humanist, xix. 274; author of *Facetiae*, i. 784.
- BRACE, boring tool, xi. 438.
- BRACELET, iv. 187.
- BRACHELYTRA, group of beetles, vi. 130.
- BRACHIOPODA, class of invertebrate animals, iv. 188; xix. 429, 440; in Lankester's classification, xxiv. 813.
- BRACHISTOCHROME, curve of swiftest descent, xv. 643, 710.
- BRACHIUM, upper arm, in man, i. 826; in mammals, xv. 358.
- BRACHYCERA, group of insects, xiii. 150.
- BRACHYDOME, crystal, xvi. 360.
- BRACHYLOGUS, book of Roman law, iv. 196.
- BRACHYLOPHUS, genus of lizards, xii. 700.
- BRACHYMYSTAX, genus of Salmonidæ, xxi. 221.
- BRACHYPTERACIAS, genus of birds, xx. 627.
- BRACHYTARSOMYS, genus of rodent mammals, xvii. 6.
- BRACHYURUS, genus of apes, ii. 154.
- BRACKENRIDGE, Hugh H., American author, i. 722.
- BRACKET, in architecture, ii. 461.
- BRACTON, Henry de, English jurist, iv. 196; his connexion with the Britton, iv. 355.
- BRACTS, of plants, iv. 119.
- BRADANUS, river, Lucania, Italy, xv. 37.
- BRADAWL, boring tool, xi. 438.
- BRADFORD, Wilts, England, Saxon church at, xxiv. 595.
- , town, Yorkshire, England, iv. 197; xxiv. 748; its silk manufacture, xxii. 63.
- , John, English martyr, iv. 198.
- , William, colonial printer, Philadelphia, xviii. 740.
- BRADING, Isle of Wight, England, Roman villa at, xxiv. 562.
- BRADLAUGH, Charles, English journalist and politician, xxiii. 312.
- BRADLEY, James, British astronomer, iv. 198; ii. 756; xvii. 260; his discovery of aberration of light, i. 48.
- BRADSHAW, Henry, English poet, iv. 198.
- , Henry, on Barbour's poems, iii. 364.
- , John, judge of Charles I., iv. 198.
- BRADWARDIN, Thomas, archbishop of Canterbury, iv. 199.
- BRADY, Nicholas, translator of the Psalms, iv. 199; his Psalms and Hymns, xii. 590.
- BRADYPODIDÆ, family of edentate mammals, xv. 384; xxii. 161.
- BRAEMAR FOREST, Scotland, i. 44.
- BRAGA, town, Portugal, iv. 199; xix. 537; xxii. 307.
- BRAGANÇA, or Braganza, town, Portugal, iv. 199; xxiii. 525.
- BRAGANZA, Ducal family of, xix. 545, 548.
- BRAGG, Braxton, American general, xxiii. 778, 788.
- BRAGI, Northern god, i. 211.
- BRAHAM, John, English vocalist and composer, iv. 199.
- BRAHÉ, Tycho, Danish astronomer, iv. 200; ii. 752; xiv. 46; on the lunar theory, xvi. 800; his patronage of Longomontanus, xiv. 866; his relations with Napier, xvii. 182; his observatory on Huen island, xvii. 709.
- BRAHMA, Hindu deity, iv. 207; xxiv. 118; figure of, viii. 126.
- FOWLS, xix. 645.
- BRAHMANAS, Sanskrit theological writings, xxi. 273, 276; mythic stories in them, xvii. 152.
- BRAHMANBARIA, town, India, xxiii. 405.
- BRAHMANI, river, India, v. 243.
- BRAHMANICAL LAW, xii. 782; xxi. 287.
- BRAHMANISM, iv. 201; xii. 782, 785; xx. 360; its relations to Lamaism, xiv. 227.
- BRAHMANS, Hindu caste, v. 188; among the Mahrattas, xv. 289.
- BRAHMAPUTRA, river, Tibet and India, iv. 211; ii. 718; xii. 732; xxiii. 341.
- BRAHMA SAMAJ, theistic church, India, iv. 200; xvi. 518; xxi. 35.
- BRAHMEGUPTA, Oriental algebraist, i. 517.
- BRAHMS, Johannes, musical composer, xvii. 97.
- BRAHOES, race of people, Baluchistan, iii. 300, 303.
- BRAID, James, on neuro-hypnotism, xv. 278.
- BRAIDWOOD, Thomas, teacher of deaf-mutes, vii. 6.
- BRAILA, town, Roumania, xii. 610.
- BRAIN, of apes, ii. 164; of birds, iii. 724; of fishes, xii. 650; of mammals, xv. 366.
- , The human, anatomy of, i. 869; Sir Charles Bell on anatomy of, iii. 541; physiology of, xix. 32; circulation in, xix. 42; diseases of, xx. 431; xiii. 95; paralysis caused by disease of, xviii. 255; membranes of, i. 864; in relation to phrenology, xviii. 842; during sleep, xxii. 155; weight of, ii. 108.
- BRAINERD, David, missionary to American Indians, iv. 211.
- BRAINTREE, town, England, iv. 211.
- BRAITHWAITE, Richard, pastoral poet, xviii. 347.
- BRJ BHASHA, Indian dialect, xi. 840.
- BRAKE, iv. 211; xv. 770; railway, xx. 248.
- , town, Germany, iv. 211.
- BRAMAH, Joseph, English machinist, iv. 213.
- BRAMAH'S LOCK, xiv. 744.
- BRAMANTE, Lazzari, Italian architect and painter, iv. 213; ii. 438; xx. 836.
- BRAMANTINO (Bartolommeo Suardi), Italian painter, xxii. 615.
- BRAMBANAN, Hindu ruins, Java, iv. 214.
- BRAMBER, town, England, xxii. 724.
- BRAMBLING, bird, ix. 193.
- BRAMHALL, John, bishop of Derry, his discussion with Hobbes, xii. 36; his oppression of Presbyterians, xiii. 266.
- BRANAS, Alexis, Byzantine general, xiii. 374.
- BRANCA, Giovanni, designer of a steam-engine, xxii. 473.
- BRANCACCI CHAPEL, Florence, paintings in, xv. 606.
- BRANCALEONE DEGLI ANDALO, Roman senator, xx. 796.
- BRANCHES, of plants, iv. 97.
- BRANCHIOBELLIDÆ, family of leeches, xiv. 405.
- BRANCHIOPODA, division of Crustacea, vi. 663.
- BRANCHIOSTOMA, genus of fishes, xii. 695; xiv. 258.
- BRANCOVAN, Constantine, voivode of Walachia, xxi. 17.
- BRANDE, William Thomas, English chemist, iv. 214.
- BRANDENBURG, province, Prussia, iv. 214; xx. 14, 16; mark of, xx. 2; royal house of, x. 495.
- , town, Prussia, iv. 214; terra-cotta work at, xxiii. 194.
- BRANDES, Georg, Danish critic, vii. 93.
- BRANDIS, Christian August, German writer, iv. 215.
- BRANDISHING, in architecture, ii. 461.
- BRANDISITE, mineral, xvi. 413.
- BRANDT, Count, Danish courtier, vii. 87.

- BRANDT, Geeraerd, Dutch writer, XII. 95.
 —, Johann Friedrich, on birds, XVIII. 25, 42, 45.
 —, Sebastian, German satirist, IV. 215; X. 527.
 BRANDY, spirituous liquor, IV. 216; distillation of, VII. 264.
 BRANDYWINE, U.S.A., Battle of (1777), XXIII. 744.
 BRANKOVICH, George, despot of Servia, XXI. 689, 690.
 BRANKS, disease, XVII. 22.
 BRANT, Isabella, wife of Rubens, XXI. 42.
 BRANTAS, river, Java, XIII. 601.
 BRANTFORD, town, Canada, IV. 216.
 BRANTÔME, Seigneur de, French historian, IV. 216; IX. 654.
 BRANXHOLM CASTLE, Roxburgh, Scotland, XXI. 34.
 BRASCHI, Giovanni Angelo (Pope Pius VI.), XIX. 154.
 BRAS-DE-FER (François de la Noue), Huguenot captain, XIV. 289.
 BRAS D' OR, lake, Nova Scotia, XVII. 602.
 BRASENOSE COLLEGE, Oxford, XVIII. 96.
 BRASIDAS, Spartan general, IV. 216.
 BRASS, alloy of copper and zinc, IV. 217; its composition, VI. 351; XXIV. 784; strength of, XXII. 603.
 BRASSAC, France, coal-mines at, XX. 119.
 BRASSAGE, cost of coining, XVI. 725.
 BRASSES, Monumental, IV. 219; VII. 694.
 BRASSEY, Thomas, English railway contractor, IV. 219.
 BRASS-HORN, musical instrument, XVII. 778.
 BRASSICA, genus of plants, IV. 617; XVII. 112; XX. 273.
 BRASS-WORK, XVI. 71.
 BRATSLAFF, town, Russia, XIX. 254.
 BRATTISHING, in architecture, II. 461.
 BRATTLEBORO, town, Vermont, U.S.A., XXIV. 167.
 BRATTON, Wilts, England, British remains at, XXIV. 594.
 BRAULIEVE MOUNTAINS, Ireland, XX. 849.
 BRAUNITE, mineral, XV. 479; XVI. 387.
 BRAUNSBURG, town, Prussia, IV. 220.
 BRAUNSCHWEIG (Brunswick, *q.v.*), duchy, Germany, IV. 401.
 BRAVA, Cape Verd Islands, V. 52.
 BRAVAISITE, mineral, XVI. 425.
 BRAVO DEL NORTE, river, New Mexico, U.S.A., XVII. 400.
 BRAVOS, town, Mexico, XVI. 214.
 BRAWNE, Fanny, Keats's letters to, XIV. 24.
 BRAY, town, Ireland, IV. 220; XXIV. 557.
 BRAY, Sir Reginald, English architect, IV. 220.
 —, Dr Thomas, missionary to American Indians, IV. 220.
 BRAYNFORD (Brentford), town, England, IV. 258.
 BRAZEN BULL, of Phalaris, XVIII. 730.
 BRAZIL, IV. 221; I. 712; its connexion with Portugal, I. 710; birds of, III. 746; proportion of coloured race in, XVII. 320; cotton supply, VI. 485; diamond mines, VII. 164; forests, IX. 406; Indian tribes, XII. 829; libraries, XIV. 536, 551; national debt, XVII. 247; newspapers, XVII. 437; observatory at Rio, XVII. 716; prison system, XIX. 759; railways, XX. 252; slavery in, XXII. 142.
 —, Island of, IV. 241.
 —, CURRENT, in Atlantic, III. 20.
 BRAZILIAN RUBY, or Burnt Topaz, XXIII. 446.
 BRAZIL NUT, IV. 241.
 BRAZIL-NUT OIL, XVII. 744, 746.
 BRAZIL WOOD, IV. 241; IV. 226.
 BRAZOS, river, Texas, XXIII. 203.
 BRAZZA, island, Adriatic Sea, IV. 241.
 BRAZZAVILLE, town, on Congo, Africa, XXIV. 765.
 BREACH OF PROMISE OF MARRIAGE, XXIV. 643.
 BREAD, Manufacture of, III. 250; adulterations of, I. 170.
 BREADALBANE, district, Scotland, XVIII. 667.
 BREAD AND SALT, bond, XXI. 134.
 BREAD FRUIT, IV. 241; in Polynesia, XIX. 419.
 BREAD NUT, XVII. 664.
 BREAKERS, their formation, XXIV. 419.
 BREAKING, of hunting horses, XII. 188.
 BREAKSPEARE, Nicholas (Pope Adrian IV.), I. 165.
 BREAKWATER, IV. 242; construction of, XI. 459; at Cherbourg, V. 585; at Holyhead, XII. 105.
 BREAM, fish, XII. 692; angling for, II. 42.
 BREAST, XVI. 302; cancer of the, XVIII. 383.
 BREAST-ARMOUR, VI. 693.
 BREASTPLATE, Jewish high priest's, X. 138.
 BREATHING, or Respiration, XX. 474; movements of muscles in, I. 835; disordered, II. 736; restoration of, in apparently drowned, VII. 475.
 BRE-BUNG, convent, Lhasa, XIV. 501.
 BRECCIA, rock, X. 237.
 BRECHE, Charles de, betrayer of Pallavicino, XVIII. 189.
 BRECHIN, town, Scotland, IV. 242.
 BRECKINRIDGE, John Cabell, American politician, XXIII. 772, 774, 788.
 BRECKNOCK PENINSULA, Tierra del Fuego, XXIII. 384.
 BRECON, or Brecknock, county, Wales, IV. 243; population and representation, XXIII. 727; town, IV. 244.
 BREDÁ, town, Holland, IV. 244.
 —, Jan van, Dutch painter, IV. 244.
 —, Surrender of, Velazquez's picture, XXIV. 135.
 BREDAL, Niels Krog, Norse dramatist, XVII. 590.
 BREDEROO, Gerbrand Adriaanssen, Dutch writer, XII. 94.
 BREDOW, suburb of Stettin, Prussia, XXII. 543.
 —, Gabriel Gottfried, German historian, IV. 244.
 BREECHES BIBLE, VIII. 387.
 BREECH-LOADER, gun, XI. 280.
 BREEDING OF ANIMALS, I. 389, 393; IV. 244; XXI. 722.
 BREEDS AND BREEDING, IV. 244; in relation to natural selection, XXIV. 78.
 BREGENTZ, or Bregenz, town, Tyrol, Austria, IV. 251; XXIV. 297.
 BREHON LAW, ancient Irish law, IV. 252; landholding under it, XIII. 218.
 BREIDEN HILLS, England and Wales, XVI. 788; XXI. 847.
 BREISLACKITE, mineral, XVI. 416.
 BREISLAK, Scipione, Italian geologist, IV. 255.
 BREITHAUPHITE, mineral, XVI. 393.
 BREITINGER, J. J., Swiss writer, X. 533; XXII. 797.
 BRELLINGTON (Bridlington), town, England, IV. 342.
 BREMANGERLAND, island, Norway, XVII. 576.
 BREMEN, free town, Germany, IV. 255.
 BREMER, Fredrika, Swedish novelist, IV. 256; XXII. 757.
 —, BEITRÄGE, in German literature, X. 533.
 BREMERHAVEN, town, Germany, IV. 257.
 BREMETENRACUM (Penrith), Roman town, England, XVIII. 504.
 BREMNER PRINTING-MACHINE, XXIII. 706.
 BRENDAN, St, early Irish navigator, XIII. 250.
 BRENNAN TORPEDO, XXIII. 451.
 BRENNER PASS, Tyrolean Alps, I. 629.
 BRENNUS, Celtic kings, IV. 257.
 BRENNY, district, Leitrim, Ireland, XIV. 433.
 BRENT, river, England, XVI. 279.
 BRENTA, river, Italy, XIII. 436.
 BRENTANO, Clemens, German writer, IV. 257; X. 542.
 BRENTFORD, town, England, IV. 258; XVI. 280.
 BRENT-GOOSE, bird, X. 778.
 BRENTIDÆ, family of insects, XXIV. 477.
 BRENT'S HILL, ancient fortress, England, XVII. 598.
 BRENZ, John, his scheme of church order, XIX. 676.

- BREOGAN, in Irish legend, XIII. 244.
 BRERA, Picture Gallery of the, Milan, XVI. 291.
 BRESCIA, province, Italy, IV. 258.
 —, town, Italy, IV. 258; its ancient college, XXIII. 834; pictures in, XXI. 447; its school of painting, XXI. 436, 443.
 BRESLAU, town, Prussian Silesia, IV. 258; XX. 16; XXII. 53; libraries, XIV. 546; observatory, XVII. 712; university, XXIII. 846.
 BRESLE, river, France, XXII. 261.
 BRESSAY, island, Shetland, Scotland, XVII. 846.
 BRESSUIRE, town, France, XXI. 710.
 BREST, town, France, IV. 259.
 —, old town, Labrador, IV. 177.
 BREST-LITOVSK, town, Russia, IV. 260.
 BRETAGNE (Brittany, *q.v.*), province, France, IV. 354.
 BRETHREN, or Plymouth Brethren, religious sect, XIX. 238.
 — OF THE COMMON LIFE, religious community, XI. 207; XVI. 711; XVII. 134; as educationists, VII. 672.
 BRETIGNY, Peace of (1360), IX. 547.
 BRETON, Nicholas, pastoral poet, XVIII. 347.
 —, P., on porisms, XIX. 520.
 — DE LOS HERREROS, Manuel, Spanish dramatist, XXII. 361.
 — LANGUAGE, V. 298, 327; dictionaries of, VII. 188.
 — LITERATURE, V. 324.
 BRETONNE, Restif de la, French writer, XX. 486.
 BRETONS, people of Brittany, IV. 354.
 BRETSCHNEIDER, Karl Gottlieb, German scholar, IV. 260.
 BRETWALDAS, rulers of Britain, VIII. 271.
 BREUGHEL, Jan, Flemish painter, IV. 262.
 —, Peeter, Flemish caricaturist, IV. 262; V. 104.
 BREUNI, Rhetian people, XX. 505.
 BREUNNERITE, mineral, XVI. 397.
 BREVE DE RECTO, in English law, XXIV. 694.
 BREVE TESTATUM, in English law, XXIV. 693.
 BREVIARIUM ALARICANUM, Roman law, IV. 262; I. 443; XXI. 216.
 BREVIARY, church service book, IV. 263; English, VIII. 378; Roman, XIV. 709.
 BREVOORTIA TYRANNUS, species of fishes, XVI. 10.
 BREWERIES, of Burton, England, IV. 572.
 BREWING, IV. 264; XV. 308.
 BREWSTER, Sir David, Scottish physicist, IV. 276; inventor of kaleidoscope, XIII. 826; in relation to invention of stereoscope, XXII. 538; on the analysis of light, XVII. 802; on polarization of light, XIV. 611.
 BREWSTERITE, mineral, XVI. 422.
 BRIAN BOROMHE, legendary Irish king, V. 308; XIII. 253.
 BRIANCHON'S THEOREM, in geometry, X. 397.
 BRIANÇON, town, France, IV. 277.
 BRIANSK, town, Russia, IV. 277; XXI. 89.
 BRIARE, town, France, XIV. 809.
 BRIAREUS, in Greek mythology, IV. 277.
 BRIAR-ROOT PIPE, for tobacco, XIX. 112.
 BRIBERY, IV. 278; Greek proverb about, VI. 754.
 BRICK, IV. 279; as building material, IV. 448; combination of, with stone, II. 457; strength of, XXII. 603. See Bricks.
 —, Fire, IX. 238.
 — ARCHITECTURE, in Germany, II. 432.
 — FACINGS, Roman, XX. 809.
 BRICKLAYING, IV. 460.
 BRICKMAKING, IV. 280.
 BRICKS, IV. 279; ancient, XIX. 604, 619; ancient enamelled, VIII. 182; of Babylon, III. 185, 189; glazed, in wall-linings, XVII. 35.
 BRICK TEA, XXIII. 99.
 BRICK TOWERS, in Spain, II. 434.
 BRICKWORK, in building, IV. 457.
 BRIDAINE, Jacques, French preacher, IV. 284.
 BRIDE OF LAMMERMOOR (Janet Dalrymple), XXII. 444.
 BRIDES, Savoy, mineral water of, XVI. 434.
 BRIDGE, IV. 284; at Brooklyn, U.S.A., XVII. 465; at Dirschau, Prussia, VII. 257; suspension, at Kieff, Russia, XIV. 69; suspension, ancient, in Peru, I. 697; at St Louis, U.S.A., XXI. 185.
 — FORTIFICATION, IX. 435.
 BRIDGENORTH (Bridgnorth), town, England, IV. 284; XXI. 648.
 BRIDGE OF ALLAN, town, Scotland, XXII. 544.
 BRIDGEPORT, town, Connecticut, U.S.A., IV. 284.
 BRIDGES, IV. 284 (index, 341); pontoon, XIX. 456; railway, XX. 233; Roman, XX. 831; skewed, II. 331; Venetian, XXIV. 148. See Bridge.
 BRIDGET, St, of Ireland, IV. 342.
 —, St, of Sweden, IV. 342; XXII. 753; nuns of, XVI. 711.
 BRIDGETOWN, town, Barbados, III. 359.
 BRIDGEWATER (Bridgwater), town, England, IV. 342; XXII. 258.
 —, Third Duke of, IV. 342.
 —, Eighth Earl of, IV. 342.
 — CANAL, IV. 342, 783.
 — TREATISES, IV. 342.
 BRIDGNORTH, town, England, IV. 284; XXI. 648.
 BRIDGWATER, town, England, IV. 342; XXII. 258.
 BRIDLE, Horse, XII. 198.
 BRIDLINGTON, town, England, IV. 342.
 BRIDPORT, town, England, IV. 343.
 BRIE, district, Seine-et-Marne, France, XXI. 625.
 BRIEF, papal letter, IV. 520.
 BRIEG, town, Prussia, IV. 343.
 —, town, Switzerland, XXIV. 31.
 BRIEL, or Brielle, town, Holland, IV. 343.
 BRIENNE, France, Battle of (1814), XVII. 221.
 —, Jean de, crusader in Egypt, VII. 754.
 BRIENZ, lake, Switzerland, XIV. 218; XXII. 777.
 BRIER, plant, XX. 851.
 BRIÈRE DE L'ISLE, French general, XXIII. 441.
 BRIGADE, subdivision of an army, IV. 343.
 BRIGADE-MAJOR, IV. 343.
 BRIGADIER, IV. 343.
 BRIGANTES, British tribe, IV. 353.
 BRIGANTIA (Bregentz), ancient town, Tyrol, IV. 251.
 BRIGANTIUM (Briançon), ancient town, France, IV. 277.
 BRIGGS, Henry, English mathematician, IV. 343; XVII. 180; his logarithms, XIV. 773; XXIII. 9.
 BRIGHT, Richard, English physician, XV. 816.
 BRIGHTELMSTONE (Brighton, *q.v.*), town, England, IV. 345.
 BRIGHTLING HILL, Sussex, England, XXII. 723.
 BRIGHTNESS, intensity of light, XXIV. 423, 429, 433, 437.
 BRIGHTON, town, England, IV. 344; XXII. 725; aquarium at, II. 218.
 BRIGHT'S DISEASE, IV. 345; XVIII. 387, 388; diet in, VII. 206.
 BRIGNOLES, town, France, IV. 346; XXIV. 69.
 BRIHTNOTH, East-Saxon earl, VIII. 287.
 BRIL (Briel), town, Holland, IV. 343.
 —, Paul, Flemish painter, IV. 346.
 BRILL, fish, XII. 692.
 BRILLIANTS (Diamonds), Cutting of, VII. 165; XIV. 299.
 BRIMSTONE, sulphur of commerce, XXII. 634.
 BRINDISI, town, Italy, IV. 346.
 BRINDLEY, James, English engineer, IV. 346, 783.
 BRINE-SHRIMP, crustacean, VI. 663.
 BRINE-SPRINGS, X. 271.
 BRINIATES, Ligurian tribe, XIV. 640.
 BRINJARIS, tribe, India, XV. 185.
 BRINK, R. C. B. van den, Dutch critic, XII. 98.
 BRINKBURN PRIORY, Northumberland, England, XVII. 568.
 BRIOCUS, St, Welsh missionary, XXI. 159.
 BRION, Frederike, friend of Goethe, X. 724.

- BRION, Simon de (Pope Martin IV.), xv. 582.
- BRIONIAN ISLANDS, Adriatic Sea, XIX. 284.
- BRIONNAIS, district, France, XXI. 301.
- BRIONY, Black, plant, XXIV. 727.
- BRIOT, François, Swiss metal-worker, XIX. 184.
- BRIOUDE, town, France, iv. 347; bridge at, iv. 332.
- BRIOVIRA (St Lô), ancient town, France, XXI. 182.
- BRISBANE, town, Queensland, iv. 347. —, Sir Thomas M., astronomer, iv. 347; his observatory, at Paramatta, New South Wales, xvii. 716.
- BRISSE, Mathurin Jacques, French naturalist, iv. 347; on birds, xviii. 5.
- BRISSE, Jean Pierre, Girondist, iv. 347. —, Pierre, French physician, xv. 808.
- BRISTLES, Economic uses of, xi. 376; in brush-making, iv. 403.
- BRISTOL, town, England, iv. 348; siege of (1645), xxi. 62; St Augustine's abbey, i. 19; libraries, xiv. 521, 542; newspapers, xvii. 421; porcelain works, xix. 642. —, town, Rhode Island, U.S.A., iv. 352. —, Earl of, persecution of, by Charles I., v. 404.
- BRITAIN, Ancient, iv. 352; history of, viii. 263; Caesar's invasion of, iv. 636; under the Romans, xx. 775, 780; their influence on the language, v. 317; coins of, xvii. 636; Celtic dialects of, v. 298.
- BRITANNIA, iv. 352. See Britain. —, Camden's work, iv. 734. — BRIDGE, across Menai Straits, Wales, iv. 334; xx. 234. — METAL, xviii. 725. — ROMANA, Horsley's work, xii. 200.
- BRITANNICUS, son of the Roman emperor Claudius, iv. 354; xvii. 348. —, Racine's drama, xx. 206.
- BRITANNY (Brittany, *q.v.*), province, France, iv. 354.
- BRITFORD, Wilts, England, Gothic archway in church, ii. 425.
- BRITISH ALMANAC, i. 591.
- BRITISH AND FOREIGN BIBLE SOCIETY, iii. 649.
- BRITISH AND FOREIGN SCHOOL SOCIETY, xiv. 258.
- BRITISH ARMY, Historical sketch of the, ii. 568.
- BRITISH ASSOCIATION, its origin, iv. 277.
- BRITISH COLUMBIA, North America, vi. 169.
- BRITISH GUIANA, xi. 249.
- BRITISH HONDURAS, xii. 132.
- BRITISH KAFFRARIA, South Africa, xiii. 816.
- BRITISH MUSEUM, London, xiv. 837; under Panizzi, xviii. 212; library of, xiv. 515.
- BRITISH NORTH BORNEO, xxi. 123.
- BRITISH SUBJECTS, their privileges, i. 575.
- BRITO, port, Nicaragua, xvii. 477. —, Bernardo de, Portuguese historian, xix. 557.
- BRITONS, Ancient, iv. 352; viii. 263; xxi. 472; ethnic character and distribution of, v. 301.
- BRITONUM HISTORIA, Nennius's work, xvii. 332.
- BRITTANY, province, France, iv. 354; ancient stone monuments of, xxi. 51; dukes of, xx. 401.
- BRITTLE-STARS, order of Echinodermata, vii. 634.
- BRITON, summary of early English law, iv. 355. —, John, English antiquary, iv. 355.
- BRIVA ISARÆ (Pontoise), ancient town, France, xix. 456.
- BRIVES-LA-GAILLARDE, town, France, iv. 356.
- BRIXEN, town, Tyrol, iv. 356.
- BRIXHAM, town, England, iv. 356; its fisheries, ix. 249.
- BRIXIA (Brescia), ancient town, Italy, iv. 258.
- BROACH, district and town, India, iv. 356. —, boring tool, xi. 438.
- BROAD ARROW, in heraldry, xi. 703.
- BROAD-BOTTOM ADMINISTRATION, England, v. 441.
- BROAD LAW, mountain, Scotland, xviii. 451.
- BROADSIDE, or Broadsheet, pamphlet, xviii. 204.
- BROADSTAIRS, town, England, iv. 357.
- BROADWAY, New York, xvii. 458.
- BROADWOOD, James, pianoforte maker, xix. 76. —, John, pianoforte maker, xix. 74.
- BROCCI, Giovanni Battista, Italian geologist, iv. 357.
- BROCCOLI, vegetable, iv. 618; xii. 279.
- BROCHANTITE, mineral, xvi. 401.
- BROCHS, Scottish round towers, xvii. 848; xxi. 22.
- BROCKEDON'S BLACK-LEAD PENCILS, xviii. 490.
- BROCKEN, mountain, Germany, xi. 507; spectre of the, xi. 399.
- BROCKES, Barthold H., German poet, x. 532.
- BROCKHAUS, Friedrich Arnold, German publisher, iv. 357; publisher of Conversations-Lexicon, viii. 203.
- BROCKLESBY, Richard, English physician, iv. 357.
- BRODERIP, William John, English naturalist, iv. 358.
- BRODIE, Sir Benjamin Collins, English surgeon, iv. 358.
- BRODY, town, Austria, iv. 359.
- BRODZINSKI, Casimir, Polish poet, xix. 304.
- BROEKHUIZEN, Jan, Dutch scholar, iv. 382.
- BROGHILL, Lord (Roger Boyle), soldier and statesman, iv. 185.
- BROGLIE, Achille L. V. C., Duc de, French statesman, iv. 359. —, Albert, Duc de, iv. 360. —, Victor François, Duc de, marshal of France, iv. 359; ix. 590.
- BROILING, of meat, vi. 332.
- BROKEN HEART, The, Ford's tragedy, ix. 395.
- BROKER, intermediate agent, iv. 360; member of stock exchange, xxii. 557. —, Nicolas, English sculptor, xxi. 559.
- BROKERAGE, Calculation of, ii. 536.
- BROMBERG, town, Prussia, iv. 360.
- BROME, Alexander, English poet, iv. 361. —, Richard, English dramatist, iv. 361.
- BROMIDES, in chemistry, iv. 361; of potassium, xix. 592; of silver, xxii. 72.
- BROMIDROSIS, skin disease, xxii. 120.
- BROMINE, chemical element, iv. 361; v. 490; as a poison, xix. 279.
- BROMITE, mineral, xvi. 384.
- BROMLEY, town, England, iv. 362; xiv. 822.
- BROMSGROVE, town, England, iv. 362; xxiv. 666.
- BROMWICH, West, town, England, xxiv. 506.
- BRONCHIAL TUBES, air-passages, xx. 475.
- BRONCHITIS, disease, iv. 362.
- BRONCHOCELE (Goitre), disease, x. 739.
- BRONCHO-PNEUMONIA, disease, xix. 250.
- BRÖNDSTED, Peter Oluf, Danish archaeologist, iv. 364.
- BRONGNIART, Alexandre, French mineralogist, iv. 364; on reptiles, xx. 434.
- BRONGNIARTINE, mineral, xvi. 400.
- BRONTE, town, Sicily, iv. 364. —, Anne, English writer, iv. 366. —, Charlotte, English novelist, iv. 364. —, Emily, English writer, iv. 366.
- BRONZE, alloy of copper and tin, iv. 366; composition of, vi. 351; early Greek casting of, ii. 348; strength of, xxii. 603; ancient weapons of, ii. 553. —, Manganese, xiii. 352. — AGE, ii. 122; existing remains of, ii. 339.
- BRONZES, ancient, iv. 367; Etruscan, viii. 642.
- BRONZE-WORK, xvi. 71; Japanese, xiii. 591; Sicyonian, xxii. 32; Venetian, xxiv. 156.
- BRONZING, iv. 367.
- BRONZITE, mineral, xvi. 415.

- BROOCH, ornamental pin, IV. 369.
- BROOKE, Frances, English novelist, IV. 369.
- , Henry, English writer, IV. 369.
- , Sir James, rajah of Sarawak, IV. 369, 60; XXI. 306.
- BROOKES, Joshua, English anatomist, IV. 370.
- BROOK FARM ASSOCIATION, United States, XX. 567.
- BROOKITE, mineral, XVI. 387; XXIII. 410.
- BROOKLYN, town, New York, U.S.A., IV. 370; XVII. 457; XXIII. 822; libraries at, XIV. 550.
- BRIDGE, New York, XVII. 465.
- BROOKS, Charles Shirley, English writer, IV. 371.
- , Maria, American poetess, I. 731.
- BROOM, for sweeping, IV. 403.
- BROOME, William, English writer, IV. 372.
- BROOMRAPES, parasitic plants, XVIII. 265.
- BRORA, town, Scotland, XXII. 727.
- BROSEN'S COMETS (1846, 1847), VI. 192, 193.
- BRORSO, Hans Adol, Danish hymn-writer, VII. 90.
- BROSCI, Carlo (Farinelli, *q.v.*), Italian singer, IX. 34.
- BROSELY, town, England, IV. 372; XXI. 848.
- BROSNA, river, Ireland, XIV. 87.
- BROSSES, Charles de, French writer, IV. 372.
- BROTHERHOOD'S STEAM ENGINE, XXII. 514.
- BROTHER JONATHAN, origin of the epithet, VI. 289; XXIII. 592.
- BROTHERS OF CHARITY, Italian monks, XVI. 712.
- BROTHERS OF THE SWORD, mediæval order, Livonia, XIV. 724; XXIII. 201.
- BROTHERYEELD (Brotherhood), Court of, Cinque Ports, England, V. 787.
- BROUGHAM, Lord, lord chancellor of England, IV. 373; on instinct in bees, III. 488.
- BROUGHTON, J. Cam Hobhouse, Lord, English statesman, IV. 381.
- , Hugh, English divine, IV. 381.
- , Thomas, English divine, IV. 381.
- BROUGHTY-FERRY, town, Scotland, VII. 536.
- BROUKHUSIUS, Jan, Dutch scholar, IV. 382.
- BROUSSA, town, Asiatic Turkey, IV. 382; III. 793; province, XXIII. 653.
- BROUSSAIS, François Joseph Victor, French physician, IV. 383; XV. 815.
- BROUSSONET, Pierre Marie Auguste, French naturalist, IV. 383.
- BROUWER, Adrian, Dutch painter, IV. 383; XVIII. 58; his influence on Teniers, XXIII. 173.
- BROW-AGUE, disease, XVII. 364.
- BROWN, Charles Brockden, American novelist, IV. 383; I. 725.
- BROWN, Ford Madox, his influence on Rossetti, XX. 858.
- , John, English divine (d. 1766), IV. 384.
- , John, of Haddington, Scottish divine (d. 1787), IV. 384.
- , John, Scottish physician (d. 1788), IV. 384; XV. 813.
- , John, Scottish divine (d. 1858), IV. 384.
- , John, American abolitionist (d. 1859), IV. 385; XI. 490; XXII. 142; XXIII. 772.
- , or Browne, Robert, founder of the Brownist sect, IV. 385; XII. 723.
- , Robert, Scottish botanist, IV. 385; on the classification of plants, IV. 81; XVI. 838.
- , Robert, his exploration of Greenland, XIX. 324.
- , Samuel, chemist, poet, and essayist, IV. 386.
- , Thomas, English humorist, IV. 387.
- , Thomas, Scottish psychologist, IV. 387; on mental suggestion, II. 732.
- , Ulysses Maximilian, imperial general, IV. 388.
- , William Laurence, Scottish theologian, IV. 388.
- COAL, or Lignite, V. 46; XVI. 429.
- COLOURS, in dyeing, VII. 579.
- BROWNE, Charles Farrar (Artemus Ward), American humorist, IV. 389; I. 727.
- , Felicia Dorothea (Mrs Hemans), English poetess, XI. 643.
- , Isaac Hawkins, English poet, IV. 389.
- , James, Scottish litterateur, IV. 389.
- , Peter, bishop of Cork, theologian, IV. 389.
- , or Brown, Robert, English Independent, IV. 385; XII. 723.
- , Sir Thomas, English moralist, IV. 389.
- , William, English pastoral poet, IV. 390; XVIII. 347.
- , William George, English traveller, IV. 390.
- BROWNIES, goblins, II. 204.
- BROWNING, Elizabeth Barrett, English poetess, IV. 391.
- BROWNISTS, religious sect, IV. 392.
- BROWN PIGMENTS, XIX. 88.
- BROWN-SÉQUARD, C. E., on heredity in guinea-pigs, IV. 246.
- BROWN SPAR, mineral, XVI. 397.
- BROWN UNIVERSITY, Providence, U.S.A., XIX. 884; XXIII. 857.
- BRUCE, David, king of Scotland, XXI. 489; captive in England, VIII. 319.
- , Edward, brother of King Robert of Scotland, XX. 594; his wars in Ireland, XIII. 260.
- BRUCE, James, African traveller, IV. 393; I. 64; X. 188.
- , Michael, Scottish poet, IV. 393; hymns by, XII. 593; his connexion with John Logan, XIV. 771.
- , Robert, lord of Annandale, Scottish baron, XXI. 486.
- , Robert (The Bruce), king of Scotland, XX. 592; XXI. 488; in relation to Edward I., VIII. 313.
- , The, Barbour's poem, III. 364.
- FAMILY, earls of Elgin, VIII. 131.
- BRUCHIDÆ, family of insects, XXIV. 477.
- BRUCHIUM LIBRARY, Alexandria, XIV. 510.
- BRUCHSAL, town, Germany, IV. 394.
- BRUCIA, poisonous alkaloid, XVII. 687.
- BRUCITE, mineral, XVI. 388.
- BRUCK, two towns, Austria, IV. 394.
- BRÜCKE, E., his theory of binocular vision, XXII. 538.
- BRÜCKENAU, town, Bavaria, IV. 394; mineral water of, XVI. 436.
- BRUCKER, James, German philosophical writer, IV. 394.
- BRUE, river, Somerset, England, XXII. 257.
- BRUEYS, Peter de, French preacher, XIV. 287.
- BRUGES, or Brugge, town, Belgium, IV. 395; library of, XIV. 549; newspapers, XVII. 430; tapestry of, XXIII. 212.
- BRUGSCH, Henri, on Egyptian history, VII. 728.
- BRÜHL, Graf von, Saxon statesman, XXI. 355.
- BRULÉE ISLAND, river Yonne, France, weir at, XX. 574.
- BRUMAIRE 18-19, Revolution of (1799), IX. 612; XVII. 202.
- BRUMATH, or Brumpt, town, German Alsace, IV. 396.
- BRÜN, town, Moravia, IV. 399.
- BRUN, Nordahl, Danish writer, VII. 91.
- , Rudolph, Swiss leader, XXII. 783.
- BRUNANBURGH, England, Battle of (937), VIII. 285; XVII. 570; XXI. 479.
- BRUNCK, Richard François Philippe, French scholar, IV. 396.
- BRUNDISIUM, or Brundisium (Brindisi), ancient town, Italy, IV. 346.
- BRUNE, G. M. A., French marshal, in Switzerland, XXII. 793.
- BRUNEI, sultanate, Borneo, XXI. 123.
- BRUNEL, Isambard Kingdom, English engineer, IV. 396.
- , Sir Marc Isambard, engineer and architect, IV. 398.
- BRUNELLESCHI, Filippo, Italian architect, IV. 399; II. 436, 438.
- BRUNET, Jacques Charles, French bibliographer, IV. 399.
- BRUNETTO LATINI, Florentine encyclopædist, VIII. 192; tutor of Dante, VI. 809; his Tesoretto, XIII. 501.
- BRUNHILD, queen of Austrasia, IX. 530.

- BRUNHILD, heroine in the Nibelungenlied, XVII. 474.
- BRUNI, state, Borneo, VI. 59.
- , Leonardo, Italian scholar, IV. 399.
- BRÜNN, town, Moravia, IV. 399; XVI. 811.
- BRUNNE, Robert of, English chronicler, XV. 494.
- BRUNNENBERG, mountain, Germany, XX. 552.
- BRUNNER'S PROCESS, for producing potassium, XIX. 590.
- BRÜNNICH, Danish naturalist, on birds, XVIII. 9.
- BRUNO, St. founder of the Carthusians, IV. 400; I. 20; V. 163.
- (Pope Leo IX.), XIV. 449.
- , Giordano, Italian philosopher, IV. 400; on evolution, VIII. 758; his influence on Spinoza, XXII. 401.
- BRUNONIAN SYSTEM OF MEDICINE, XV. 813; IV. 384.
- BRUNSMANN, Johan, Norse hymn-writer, XVII. 589.
- BRUNSWICK, duchy, Germany, IV. 401; town, IV. 402.
- , town, Maine, U.S.A., IV. 403.
- GREEN, pigment, XIX. 88.
- BRUNTON, Mrs Mary, Scottish novelist, IV. 403.
- BRUSHES, IV. 403; painters', XVIII. 137, 140.
- BRUSHITE, mineral, XVI. 404.
- BRUSH-MAKING, IV. 403.
- BRUSH-TURKEY, Australian bird, XV. 827.
- BRUSSA, town, Asiatic Turkey, IV. 382.
- BRUSSELS, capital of Belgium, IV. 404; academies, III. 521; libraries, XIV. 531; newspapers, XVII. 430; royal observatory, XVII. 111, 521, 715; tapestry, XXIII. 212; university, III. 519; XXIII. 850.
- , Union of (1577), XII. 76.
- CARPETS, V. 130.
- LACE, XIV. 188.
- SPROUTS, vegetable, IV. 618; XII. 279.
- BRUT, Layamon's Saxon chronicle, VIII. 408; XIV. 374.
- BRUTE, The, Barbour's poem, III. 364.
- BRUTON, town, England, IV. 406.
- BRUTS, The, early Welsh writings, V. 315.
- BRUTTIANS, ancient Italian tribe, XIII. 445.
- BRUTUS, Roman family, IV. 406.
- , or Brute, fabulous king of Britain, IV. 407.
- , Lucius Junius, first Roman consul, IV. 406; VI. 313.
- , Marcus Junius, assassin of Julius Caesar, IV. 407, 639.
- BRUX, town, Bohemia, IV. 407.
- BRUXELLES (Brussels, *q.v.*), capital of Belgium, IV. 404.
- BRUYÈRE, Jean de la, French moralist, XIV. 177; IX. 663.
- BRYANITES, Methodist sect, XVI. 192.
- BRYANSK, town, Russia, XVII. 826.
- BRYANT, Jacob, English writer, IV. 407; on mythology, XVII. 137.
- , William Cullen, American poet, I. 732.
- BRYAXIS, Greek sculptor, IV. 407.
- BRYDGES, Sir Samuel Egerton, English writer, IV. 408.
- BRYHER, island, Scilly Isles, England, XXI. 465.
- BRYINEÆ, class of mosses, XVII. 73.
- BRYNEICH (Bernicia), English kingdom, XVII. 568.
- BRYOPHYTA, group of plants, XXIV. 128; III. 694.
- BRYOZOA, group of animals, XIX. 429.
- BRZESC (Brest Litovsk), town, Russia, IV. 260.
- BRZESANY, town, Austria, IV. 408.
- BUAL WINE, Madeira, XV. 178.
- BUBASTIS, Egyptian goddess, IV. 408.
- , ancient town, Egypt, IV. 408; VII. 769; festival at, XIX. 90.
- BUBBLE ACT (1719), VI. 221.
- BUBENBERG, Adrian von, Swiss statesman, XXII. 787.
- BUBO, genus of birds, XVIII. 90.
- BUBONIC PLAGUE, XIX. 159.
- BUCCANEERS, piratical adventurers, IV. 408; XIX. 117.
- BUCCARI, town, Hungary, IV. 411.
- BUCCINA, Roman trumpet, XXIII. 592.
- BUCCINO, town, Italy, IV. 411.
- BUCCINUM, genus of molluscs, XVI. 649; XX. 417.
- BUCCO, genus of birds, XX. 101.
- BUCEPHALUS, Alexander's horse, I. 484.
- , Manger of, monument, Philippi, XVIII. 746.
- BUCER, Martin, German Reformer, IV. 411; XV. 73.
- BUCEROS, genus of birds, XII. 169.
- BUCH, Leopold von, German geologist, IV. 411.
- BUCHAN, district, Scotland, I. 43.
- , Alexander, on mean pressure of the atmosphere, III. 30.
- , David, Northern explorer, XIX. 319.
- BUCHANAN, George, Scottish scholar, IV. 412; his Latinity, XIV. 342.
- , James, president, United States, IV. 413; XXIII. 773.
- BUCHAREST, town, Roumania, IV. 414; XXI. 16; treaty of (1812), XXII. 590; XXIII. 649.
- BUCHEZ, Philippe Joseph Benjamin, French writer, IV. 414.
- BUCHOLZITE, mineral, XVI. 408.
- BUCHU LEAVES, drug, IV. 415.
- BÜCKEBURG, town, Germany, IV. 415; XIV. 683.
- BUCKETS, Use of, in mining, XVI. 456.
- BUCKETT STEAM ENGINE, XXII. 523.
- BUCKEYE, tree, XII. 206.
- BUCKHURST, Lord, first earl of Dorset, VII. 372.
- BUCKINGHAM, county, England, IV. 415; population and representation, XXIII. 727; town, IV. 416.
- , George Villiers, first duke of, IV. 417; VIII. 345; Bacon's connexion with, III. 206.
- , George Villiers, second duke of, IV. 419.
- , William Alfred, governor of Connecticut, U.S.A., XXIII. 788.
- PALACE, London, XIV. 838.
- BUCKINGHAMSHIRE, John Sheffield, duke of, IV. 419.
- BUCKLAND, William, dean of Westminster, geologist, IV. 420; his investigation of bone-caves, V. 267.
- BUCKLE, Henry Thomas, English historian, IV. 421; as chess-player, V. 602.
- BUCKLEY, Samuel, founder of first London daily newspaper, XVII. 415.
- BUCKRAM, a rich woven cloth, XXIII. 210.
- BUCKS (Buckingham), county, England, IV. 415; population and representation, XXIII. 727.
- BUCKWHEAT, edible plant, IV. 423.
- BUCSESD, mountain, Hungary, XII. 361.
- BUDA, town, Hungary, IV. 423. See also Budapest.
- BUDÆUS, Gulielmus, French writer, IV. 424; XX. 194.
- BUDAN, French algebraist, I. 516.
- BUDANTSAR, mythic ancestor of the Mongols, XVI. 740.
- BUDAPEST, capital of Hungary, XVIII. 691; libraries, XIV. 547; observatory, XVII. 713; university, XXIII. 852.
- BUDAUN, district, India, IV. 424.
- BUDDÆUS, John Francis, Lutheran divine, IV. 424.
- BUDDAI, Australian god, III. 113.
- BUDDHA (Siddhartha Gautama), founder of Buddhism, III. 375; IV. 426; his relations to Brahmanism, IV. 209; footprint of, I. 140; pilgrimages connected with, XIX. 92; colossal statue of, in Japan, XVII. 229.
- BUDDHAGHOSHA'S PARABLES, VIII. 837.
- BUDDHISM, Asiatic religion, IV. 424; II. 698; XX. 360; its influence on caste, V. 190; Lamaism a corruption of, XIV. 226; sacred language of (Pali), XVIII. 183; in relation to Manichæism, XV. 485; its pessimistic character, XVIII. 685; in Burmah, IV. 556; in Ceylon, V. 367; in China, V. 671; in India, XII. 784; in Japan, XIII. 581; among the Mongols, XVI. 744; in Persia, XVIII. 606; in Siam, XXI. 853; in Tibet, XXIII. 344; in Turkestan, XXIII. 639.
- BUDDHIST FESTIVALS, IX. 117.
- BUDDHIST IDOLS, of Bamian, III. 307.
- BUDDHIST TEMPLES, Java, XIII. 609.

- BUDDING, propagation of plants by, XII. 237; XX. 423.
- BUDDLE, mining apparatus, XVI. 465.
- BUDÉ, Guillaume (Budæus), French writer, IV. 424; XX. 194.
- BUDGE, Eustace, English writer, IV. 438.
- BUDGET, financial statement, IV. 439; XVIII. 313.
- , Water, in heraldry, XI. 704.
- BUDINI, nomadic race, eastern Europe, XXI. 575.
- BUDJAK STEPPES, Bessarabia, III. 615.
- BUDRUN, town, Asia Minor, XI. 384.
- BUDS, in plants, IV. 96; propagation by, XII. 237.
- BUDWEIS, town, Bohemia, IV. 439.
- BUEE, Adrian Q., his anticipation of quaternions, XX. 161.
- BUENA VISTA, Mexico, Battle of (1847), XXIII. 767.
- BUENOS AYRES, province and town, Argentine Republic, IV. 439, 440; libraries in, XIV. 551.
- BUFF, Lotte, friend of Goethe, X. 725.
- BUFFALO, genus of ruminant mammals, IV. 442; XV. 432; of India, XII. 742; skins of, IX. 838.
- , town, New York, U.S.A., IV. 443; XVII. 457; XXI. 179; XXIII. 822.
- BUFFIER, Claude, French philosophical writer, IV. 443.
- BUFFON, George Louis Leclerc, Comte de, French naturalist, IV. 444; IX. 671; on birds, XVIII. 6; on germs, VIII. 745; influence of his writings, IX. 593.
- BUFFOONS, IX. 366.
- BUFO, genus of Amphibia, XXIII. 423.
- BUG, insect, IV. 445; XI. 646; XIII. 153.
- , river, Russia, XIX. 254, 307.
- BIBLE, VIII. 387.
- BUGEAUD, Thomas R., governor of Algeria, I. 568.
- BUGENHAGEN, Johann, German Reformer, IV. 445.
- BUGINESE LANGUAGE AND LITERATURE, Celebes, V. 288.
- BUGIS, people, in Celebes, IV. 32; in Malacca, XV. 323.
- BUGLE-HORN, musical instrument, XVII. 778.
- BUGULMA, town, Russia, IV. 446; XXI. 243.
- BUGURUSLAN, town, Russia, IV. 446; XXI. 243.
- BUHLE, Johann Gottlieb, German scholar, IV. 446.
- BUHL-WORK, IV. 446; XIII. 81.
- BUILDING, IV. 447 (index, 513); II. 382; materials and construction in ancient Rome, XX. 808; in ancient Venice, XXIV. 149.
- SOCIETIES, IV. 513.
- BUILDINGS OF JUSTINIAN, Procopius's treatise, XIX. 791.
- BUILDWAS ABBEY, Shropshire, England, XXI. 848.
- BUINSK, town, Russia, XXII. 77.
- BUITENZORG, town, Java, IV. 514; XIII. 606.
- BUJALANCE, town, Spain, IV. 515.
- BUJNURD, town, Persia, XVIII. 627.
- BUKA, island, Solomon Islands, Pacific, XXII. 252.
- BUKAA, valley, Lebanon, Syria, XIV. 393.
- BUKA LEAVES (Buchu), drug, IV. 415.
- BUKEREBE, lake island, Central Africa, XVII. 504.
- BUKHARA (Bokhara, *q.v.*), country and town, Central Asia, IV. 1.
- BUKHOREST (Bucharest, *q.v.*), town, Roumania, IV. 414.
- BUKINDO, village, Central Africa, XVII. 504.
- BUKIT BARISAN, mountains, Sumatra, XXII. 638.
- BUKKEN FJORD, Norway, XVII. 576.
- BUKOWINA, duchy, Austria, IV. 515.
- BULACAN, town, Luzon, Philippine Islands, IV. 515.
- BULAK (Boolak), town, Egypt, VII. 769; museum at, XV. 543.
- BULANDSHAHR, district, India, IV. 515.
- BULANES, ancient European people, XIX. 285.
- BULANKUL, lake, Central Asia, XVIII. 103.
- BULARCHUS, Greek mural painter, XVII. 41.
- BULBILS, of plants, IV. 99; XX. 423.
- BULBS, of plants, IV. 99; XX. 423.
- BULDUR, lake, Asia Minor, II. 709.
- BULGARELLI, Marianna, patroness of Metastasio, XVI. 104.
- BULGARI, religious sect, XVIII. 434.
- BULGARIA, province of European Turkey, IV. 516; as autonomous principality, XXIII. 652.
- , Church of (Greek), XI. 158; United Bulgarians (Church of Rome), XX. 631.
- BULGARIAN LANGUAGE AND LITERATURE, XXII. 149; dictionaries of language, VII. 188.
- BULGARIANS, subdivision of Slavs, XXII. 145, 147; their wars with the Greeks, XI. 115; their relation to the Huns, XII. 382.
- BULGARIN, Thaddäus, Russian writer, IV. 517.
- BULGARINUS, jurist of 15th century, IV. 517.
- BULGARO-VLACH EMPIRE, XXIV. 269.
- BULGARUS, Italian jurist, IV. 517.
- BULGHAR-DAGH, mountains, Asia Minor, II. 705.
- BULKHEADS, in ships, XXI. 815.
- BULL, papal letter, IV. 519; XXI. 589; —, Brazen, of Phalaris, XVIII. 730.
- , Sacred (Apis), II. 173; V. 244.
- , George, bishop of St David's, IV. 517.
- , John, English composer and organist, IV. 517.
- BULL, Stephen, English sea-captain, XXI. 496.
- BULLA, genus of Mollusca, XVI. 655.
- , ornament and seal, IV. 518; XXI. 589.
- AUREA, important charter, X. 757.
- BULL ACCOUNT, stock exchange term, I. 92.
- BULL DOG, VII. 330.
- BULLEN (Boleyn, *q.v.*), Anne, wife of Henry VIII. of England, IV. 4.
- BULLERS OF BUCHAN, Scotland, I. 44.
- BULLFINCH, bird, IV. 518; IX. 192.
- BULL FROG, IX. 796; heart of, I. 764.
- BULL-HEAD, fish, XII. 690; XXII. 68.
- BULLINGER, Heinrich, Swiss Reformer, IV. 518; his relation to Socinus, XXII. 228.
- BULLION, IV. 518.
- BULLOM, country, Sierra Leone, West Africa, XXII. 44.
- BULL RUN, U.S.A., Battles of (1861, 1862), XXIII. 775, 777.
- BULL STEAM-ENGINE, XXII. 476; XXIV. 414.
- BULL-TERRIER, dog, VII. 331.
- BULL-TROUT, fish, XXI. 222.
- BÜLOW, Friedrich Wilhelm, Prussian general, IV. 520.
- BÜLOW'S OBSERVATORY, Bothkamp, Germany, XVII. 712.
- BULOZ, François, French litterateur, XVIII. 540.
- BULRUSH, plant, XX. 319; XXI. 62.
- BULSAR, town, India, XXII. 667.
- BULWER, Sir Henry, Lord Dalling, VI. 780.
- , John, on teaching deaf-mutes, VII. 6.
- BULWER-CLAYTON TREATY, VI. 782.
- BULWER LYTTON, E. G. F. L. (Lord Lytton), English novelist, XV. 121.
- BUMBIREH, lake island, Central Africa, XVII. 504.
- BUMPOOR (Bampur), town, Persia, XVIII. 627.
- BUNARBASHI, Turkey in Asia, reputed site of Troy, XXIII. 580.
- BUNDARRA (Bhandara), district and town, India, III. 627.
- BUNDELAS, tribe, India, IV. 521.
- BUNDELKHAND, or Bundelcund, district, India, IV. 520.
- BUNDESRATH, German federal council, X. 463.
- BUNDI, Rajput state, India, IV. 521; XX. 260.
- BUNGARUS, genus of snakes, XXII. 196.
- BUNKER HILL, U.S.A., Battle of (1775), IV. 521; XV. 616; XXIII. 741.
- BUNNOO (Bannu), district, India, XX. 109.
- BUNODONTA, group of ungulate mammals, XV. 430.
- BUNOTHERIA, group of fossil mammals, XV. 442.

- BUNSEN, Christian Charles Josias, Baron von, IV. 521.
- BUNSENITE, mineral, XVI. 385.
- BUNTING, bird, IV. 525; XVII. 534.
- , Jabez, Wesleyan divine, IV. 526.
- BUNYAN, John, Puritan divine, IV. 526; his place in English literature, VIII. 424.
- BUNZLAU, town, Bohemia, IV. 530.
- , town, Prussia, IV. 530.
- BUOCHSERSEE, part of the Lake of Lucerne, Switzerland, XV. 41.
- BUONAFEDE, Appiano, Italian philosophical writer, IV. 530.
- BUONAPARTE (BONAPARTE) FAMILY, IV. 27; XVII. 192.
- BUONARROTI, Michelangelo, Italian painter and sculptor, XVI. 229; XXI. 435; 569.
- BUONCOMPAGNO, Ugo (Pope Gregory XIII.), XI. 178.
- BUONONCINI, Giovanni Battista, Italian musical composer, XI. 435; XVII. 92.
- BUONVICINI, Domenico, disciple of Savonarola, XXI. 337.
- BUOY, floating signal, IV. 530; illuminated, XIV. 626.
- , Life, XIV. 573.
- BUOYANCY, Centre of, in ships, XXI. 812.
- BUPALUS, Greek sculptor, IV. 531.
- BUPHONIA, Greek religious festival, IV. 531.
- BURAECH (Bharaich), district and town, India, III. 628; XVIII. 72.
- BURÆUS, Johannes, Swedish scholar, XXII. 754.
- BURBAGE, James, theatre manager, XXI. 760; XXIII. 224.
- , Richard, actor, XXI. 761.
- BURCARDUS, Joannes, his diary, I. 490.
- BURCKHARDT, John Ludwig, Swiss traveller, IV. 531.
- BURCKHARDT'S COMET, VI. 191.
- BURDEANA, Jacob (Baradæus), Syriac writer, VI. 354; XIII. 539; XXII. 833.
- BURDEKIN, river, Queensland, XX. 171.
- BURDER, George, author of Village Sermons, IV. 531.
- BURDETT, Sir Francis, English politician, IV. 532.
- BURDIGALA (Bordeaux), ancient town, France, IV. 52.
- BURDOCK, plant, XXIII. 307.
- BURDWAN (Bardwan), district and town, India, III. 371.
- BURÉ, state, Senegambia, XXI. 663.
- BURG, town, Prussia, IV. 532.
- BURGAGE, form of tenure, IV. 532.
- BURGAS, department, Roumelia, XXI. 22.
- , Las, mineral springs, Spain, XVII. 827.
- BURGDORF, town, Switzerland, IV. 532; Froebel's schools at, IX. 793.
- BÜRGER, Gottfried August, German poet, IV. 532; X. 540; Scott's translations from, XXI. 546.
- BURGERSDYK, Francis, Dutch logician, IV. 533.
- BURGESS, possessor of borough rights, IV. 62; XVII. 27.
- , Daniel, English Dissenting divine, IV. 533.
- , Thomas, bishop of Salisbury, IV. 534.
- BURGH, in Scotland, IV. 63; XVII. 30.
- BURGHAZ (Bourgas), town, Turkey, IV. 176.
- BURGH CASTLE, Suffolk, England, Roman remains at, XXII. 622.
- BURGHEAD, town, Scotland, VIII. 130.
- BURGHES, Scottish religious denomination, VIII. 528; X. 572; XV. 132; XXIII. 728.
- BURGHLEY, Lord (William Cecil), minister of Queen Elizabeth, V. 283.
- HOUSE, Northampton, England, XVII. 557.
- BURGKMAIR, Hans, German engraver, IV. 534.
- BURGLARY, crime, IV. 534.
- BURGO, Lucas de, algebraist, I. 512.
- BURGONET, helmet, XI. 637.
- BURGOS, province, Spain, XXII. 298.
- , town, Spain, IV. 534; sculptures in cathedral, XXI. 567.
- BURGOYNE, John, British general, IV. 535; XXIII. 744.
- , Sir John Fox, British field-marshal, IV. 535.
- BURGUNDIANS, party, in France, IX. 548; XVIII. 290.
- BURGUNDIO, Italian jurist, IV. 535.
- BURGUNDIONUM LEX, ancient law code, XXI. 215.
- BURGUNDY, duchy and province, France, IV. 535; under Charles the Bold, V. 424; its connexion with Holland, XII. 73; war with Switzerland, XXII. 786.
- , House of, IX. 548; its connexion with the Capet family, V. 55.
- PITCH, IX. 223; 711.
- WINE, XXIV. 606.
- BURHANPUR, town, India, IV. 536; XVII. 509.
- BURIAL, IV. 537; IX. 824; in churchyards and cemeteries, V. 329; registration of, XX. 343.
- ACTS, IV. 537; as affecting Nonconformists, XVII. 533; parishes formed by them in England, XVIII. 296.
- CUSTOMS, IX. 824; mummy-making, XVII. 20; Phœnician, XVIII. 810; Tibetan, XXIII. 344.
- OF SIR JOHN MOORE, Wolfe's poem, XXIV. 630.
- VAULTS, ancient, V. 206.
- BURIAS, island, Philippines, XVIII. 752.
- BURIATS, Mongolian race, IV. 538; XVI. 750; XXIII. 510.
- BURIDAN, Jean, French philosopher, IV. 538.
- BURIN, for engraving, VIII. 439.
- BURKE, Edmund, British statesman and writer, IV. 538; VIII. 357; on the beautiful, I. 223; on chivalry, XIV. 126; on Junius, XIII. 775; his place in English literature, VIII. 433.
- , Richard, son of Edmund Burke, IV. 549.
- , Robert O'Hara, Australian explorer, IV. 550; III. 106.
- BURKHARDT, George (Spalatin), German humanist and Reformer, XXII. 365.
- BURLAMAQUI, Jean Jacques, Swiss philosopher, IV. 550.
- BURLEIGH, Lord (William Cecil), minister of Queen Elizabeth, V. 283.
- BURLESQUE, kind of comedy, VII. 437.
- BURLINGTON (Bridlington), town, England, IV. 342.
- , town, Iowa, U.S.A., IV. 551.
- , town, New Jersey, U.S.A., IV. 550.
- , town, Vermont, U.S.A., IV. 550; XXIV. 167, 168.
- , First Earl of (Richard Boyle), IV. 184.
- , Third Earl of, his architectural works, II. 444.
- BURMAH, empire, Asia, IV. 551; Shan states connected with, XXI. 773; birds of, III. 761; ruby mines, XXI. 48; weights and measures, XXIV. 490.
- , British, IV. 560; XII. 734, 806, 808.
- BURMANN, Pieter, Dutch scholar, IV. 562.
- BURMEISTER, Hermann C. C., on birds, XVIII. 26, 27.
- BURMESE, race, IV. 552; their language and literature, IV. 555.
- BURN, Dr Richard, on the poor laws, XIX. 470.
- BURNER, for lamps, XIV. 245.
- BURNES, Sir Alexander, traveller, Central Asia, IV. 562; his visit to Cabul, I. 240.
- BURNET, forage plant, I. 378.
- , Gilbert, bishop of Salisbury, historian, IV. 562; his estimate of Leighton, XIV. 428.
- , Thomas, English writer, IV. 564.
- BURNETT, James (Lord Monboddo), Scottish philosopher, XVI. 719.
- BURNETT-SALMON, Australian fish, XII. 686.
- BURNEY, Charles, English writer on music, IV. 564; on the organ, XVII. 837; on the pianoforte, XIX. 73.
- , Charles, English scholar, IV. 565.
- , Frances (Madame D'Arblay), English authoress, VI. 821.
- BURNING-GLASSES, invention of, II. 103.
- BURNLEY, town, England, IV. 565.

- BURNOUF, Eugène, French Orientalist, IV. 566.
 —, Jean Louis, French scholar, IV. 566.
 BURNS, in surgery, XXII. 681.
 —, Robert, Scottish poet, IV. 566; his place in English literature, VIII. 429.
 BURNSIDE, Ambrose Everett, American general, XXIII. 777, 788.
 BURNT CLAY, as manure, I. 351.
 BURNTISLAND, town, Scotland, IV. 571.
 BURNT UMBER, pigment, XIX. 88.
 BURR, Aaron, vice-president of United States, XXIII. 756, 758, 788; his duel with Hamilton, XI. 413.
 BURRA, East and West, islands, Shetland, Scotland, XVII. 846.
 BURRA-BURRA, town and copper mine, South Australia, III. 109; XXII. 284.
 BURRAY, island, Orkney, Scotland, XVII. 846.
 BUR-REED, plant, XX. 319.
 BURRHEL, Nepalese sheep, XXI. 785.
 BURREING, in wool manufacture, XXIV. 657.
 BURRISAL (Barisal), town, India, III. 248.
 BURRIUM, Roman station, Monmouth, England, XVI. 754.
 BURRO, mountain, Utah, U.S.A., XXIV. 19.
 BURROUGH, Edward, English Quaker, XX. 147.
 —, Stephen, Arctic explorer, XIX. 316.
 BURROW-DUCK, bird, XXI. 788.
 BURRUS, Afranius, general of Nero, XVII. 348.
 BURSEE (Barsi), town, India, XXI. 832.
 BURSLEM, town, England, IV. 571; XXII. 442.
 BURTON, or Burton-on-Trent, town, England, IV. 571, 265; XXII. 442.
 —, Sir Richard F., his African explorations, I. 247; X. 194; XXII. 390.
 —, Robert, English moralist, IV. 571; on tobacco, XXIII. 427.
 BURTON-ON-TRENT, town, England, IV. 571; XXII. 442; its breweries, IV. 265.
 BURTSCHEID, town, Prussia, IV. 572.
 BURU, island, Indian Archipelago, IV. 572.
 BURUT (Buriats, *q.v.*), Mongolian tribes, XIV. 94.
 BURY, town, England, IV. 573.
 — ST EDMUNDS, town, England, IV. 573; XXII. 622.
 BUSBECQ, Augier Ghislen de, Flemish traveller, IV. 574.
 BUSBY, Richard, headmaster of Westminster School, IV. 574.
 BUSCA, town, Italy, IV. 574.
 BÜSCHING, Anton Friedrich, German geographer, IV. 574.
 BUSHAH (Bushire), town, Persia, IV. 574; XVIII. 628.
 BUSH-HAWK, bird, XIV. 54.
 BUSHIRE, or Bushahr, town, Persia, IV. 574; XVIII. 628.
 BUSHMEN, African race, IV. 575; I. 264.
 BUSHNELL, Horace, American theologian, IV. 576.
 BUSIRIS, mythical Egyptian king, IV. 576; XIX. 559.
 —, ancient town, Egypt, IV. 576.
 BUSSA, town, on Niger, Africa, XVII. 497.
 BUSSAHEER (Bassahir), state, India, III. 424.
 BUSSORAH, or Basra, town, Asiatic Turkey, IV. 577; VIII. 671; XVI. 562, 590, 592; gum of, XI. 276.
 BUSSY-RABUTIN, Comte de, French author, XX. 202; his relations with Madame de Sévigné, XXI. 704.
 BUSTAMITE, mineral, XVI. 417.
 BUSTAR (Bastar), state, India, III. 425.
 BUSTARD, bird, IV. 578.
 BUSTO ARSIZIO, town, Italy, IV. 579.
 BUSUANGA, island, Philippines, XVIII. 752.
 BUTADES, Greek potter, IV. 579; II. 347.
 BUTANE, in chemistry, V. 557; XVIII. 238.
 BUTCHER-BIRD, IV. 579; XXI. 845.
 BUTE, county, Scotland, IV. 579; area and population, XXI. 528; representation, XXIII. 727.
 —, Earl of (John Stuart), English statesman, IV. 581; VIII. 357.
 BUTEA KINO, drug, XIV. 91.
 BUTI, Lucrezia, reputed mistress of Lippi, XIV. 684.
 BUTILIN, leader of the Alemanni, XVII. 233.
 BUTLER, Alban, author of Lives of the Saints, IV. 582.
 —, Charles, English writer, IV. 582.
 —, James, first earl of Ormonde, XIII. 260.
 —, James, twelfth earl (first duke) of Ormonde, XVII. 854.
 —, Joseph, bishop of Durham, IV. 582; his Analogy of Religion, I. 792; II. 192; his ethical system, VIII. 600; on scepticism, XXI. 384; his place in English literature, VIII. 431.
 —, Samuel, author of Hudibras, IV. 588; as satirist, XXI. 319; his place in English literature, VIII. 424.
 —, William Archer, Irish philosophical writer, IV. 590.
 BUTO, Egyptian goddess, IV. 590.
 BUTRINTO, town, Albania, IV. 590.
 BUTSCHETJE, or Butshetsh, mountain, Transylvania, V. 127; XXIII. 521.
 BUTTAUF, plain, Palestine, XVIII. 171.
 BUTTE, town, Montana, U.S.A., XVI. 774.
 BUTTE-AUX-CAILLES, heights, Paris, XVIII. 274.
 BUTTER, IV. 590; VI. 770; XVI. 304; adulteration of, I. 171; Cork trade in, VI. 406; imitation, XVII. 760.
 —, Nathaniel, publisher of early English newspaper, XVII. 413.
 BUTTERCUP, plant, XX. 272.
 BUTTERFLIES, group of insects, IV. 592; XIII. 151; mimicry in, XVI. 343.
 BUTTERINE, substitute for butter, IV. 592.
 BUTTERMILK, XVI. 304.
 BUTTER NUT, XVII. 664.
 BUTTERWORT, insectivorous plant, XIII. 137.
 BUTTERWORTH, town, Straits Settlements, XXII. 587.
 BUTTES-CHAUMONT, heights, Paris, XVIII. 274.
 BUTTMANN, Philipp Karl, German philologist, IV. 598.
 BUTTON, and button making, IV. 598.
 —, Sir Thomas, Arctic explorer, XIX. 317.
 BUTTRESS, in architecture, II. 461.
 BUTURLINOVKA, town, Russia, XXIV. 298.
 BUXAR (Baxar), town, India, III. 454.
 BUXTEHUDE, Dietrich, musician, XVII. 90.
 BUXTON, town, England, IV. 600; mineral water of, XVI. 433.
 —, Jedidiah, arithmetical prodigy, IV. 601.
 —, Sir Thomas Fowell, English philanthropist, IV. 601; slavery abolitionist, XXII. 141.
 BUXTORF, John (d. 1629), German Hebraist, IV. 601; XI. 601.
 —, John (d. 1664), Hebraist, IV. 602.
 BUYANTU KHAN, Mongol ruler, XVI. 742.
 BUYER, his legal position, XXI. 206.
 BUYS-BALLOT'S LAW, of the winds, III. 29; XVI. 147.
 BUZGHOL-KHANA, pass, Central Asia, XII. 3.
 BUZUTUK, town, Russia, XXI. 243.
 BUZZARD, bird, IV. 603; moor-buzzard, XI. 491.
 BYBLIS, insectivorous plant, XIII. 137.
 BYBLUS (Papyrus), Egyptian plant, VII. 711.
 —, town, Phoenicia, XIII. 613; XVIII. 804.
 BYELAYA, river, Russia, XXIV. 279.
 BYELEFF, or Bieleff, town, Russia, III. 667; XXIII. 605.
 BYELO-OZERO, lake, Russia, XVII. 606.
 BYELOVYESH PUSHCHA, forest, Lithuania, XIV. 701.
 BYELOZERSK, town, Russia, XVII. 607.
 BYELI, town, Russia, XXII. 183.
 BYERLY TURK, progenitor of race-horses, XII. 182, 184.
 BYEZHETSK, or Biezhets, town, Russia, III. 668; XXIII. 672.

BYLLINGE, Edward, American Quaker, XX. 152.
 BYNG, George, Viscount Torrington, admiral, IV. 603.
 —, John, British admiral, IV. 604; IX. 588.
 BYNKERSHOEK, Cornelius van, Dutch jurist, IV. 604.
 BYRD, William, English musical composer, XVII. 85; XXIII. 34.
 BYRGIUS, Justus, logarithmist, XIV. 775.
 BYRICHRITE, mineral, XVI. 391.
 BYRNE, Nicholas, English journalist, XVII. 417.
 BYROM, John, English poet, IV. 604; his hymns, XII. 594; his system of shorthand, XXI. 837.
 BYRON, Lord, English poet, IV. 604; his influence on the drama, VII. 438; as satirist, XXI. 320; his relations with Shelley, XXI. 791; his place in English literature, VIII. 433.
 —, John, British admiral, IV. 612; X. 189.
 BYRSA, citadel of Carthage, V. 162.
 BYSSOLITE, mineral, XVI. 417.
 BYSTRÖM, Johann Nicolaus, Swedish sculptor, IV. 612; XXI. 570.
 BYZANTINE ARCHITECTURE, II. 422; at Venice, XXIV. 148.
 BYZANTINE EMPIRE, XI. 106, 114.
 BYZANTINE GLASS-MAKING, X. 650.
 BYZANTINE HISTORIANS, IV. 612.
 BYZANTINE LITERATURE, XI. 145.
 BYZANTINE PAINTING, XVII. 43.
 BYZANTINE SCULPTURE, XXI. 556.
 BYZANTIUM (Constantinople), ancient Greek city, IV. 615; coins of, XVII. 654; libraries, XIV. 512.

C the third letter of the alphabet, IV. 616.
 CAABA (Kaba, *q. v.*), sacred stone, Mecca, XV. 672.
 CAB, hackney carriage, V. 136.
 CABAGAN, town, Luzon, Philippine Islands, IV. 616.
 CABAL, advisers of Charles II., IV. 619; XV. 308; the name an acrostic, I. 121.
 CABAŁE UND LIEBE, Schiller's play, XXI. 396.
 CABALLERIAS, Spanish romances, XXII. 355.
 CABALLERO, Fernan (Cecilia Böhl von Faber), Spanish novelist, VIII. 833; XXII. 362.
 CABALLOS, Puerto, town, Honduras, XII. 130.
 CABANIS, Jean, on birds, XVIII. 29.
 —, Pierre Jean George, French physiologist, IV. 616; IX. 673; XXIII. 497.
 CABARRUS, François, Spanish financier, IV. 617.
 CABASSOU, kind of armadillo, XV. 387.
 CABATUAN, town, Philippine Islands, IV. 617.

CABAZERA, town, Philippine Islands, IV. 617.
 CABBAGE, vegetable, IV. 617; XII. 280; culture of, I. 369; Kerguelen, XIV. 49.
 CABBALA, or Kabbalah, Jewish theosophy, XIII. 810; XX. 490; its relation to alchemy, I. 461.
 CABENDA, or Kabinda, town, West Africa, IV. 618; XIV. 743.
 CABET, Étienne, French communist, IV. 618.
 CABEZA DEL BUEY, town, Spain, IV. 618.
 CABEZA DE VACA, Nuñez Alvaro, Spanish explorer, XVII. 662.
 CABIADIS, Dr, his observations on the plague, XIX. 159.
 CABINDA, town, West Africa, IV. 618; XIV. 743.
 CABINET, The British, IV. 618; VIII. 260; XVI. 472.
 —, in United States, XXIII. 750.
 — GOVERNMENT, XI. 13; beginning of, in England, VIII. 352.
 CABINETMAKING, IV. 499.
 CABINETS, furniture, IX. 850.
 CABIRA, town, Asia Minor, XIX. 459.
 CABIRI, in mythology, IV. 620; XI. 679; XVIII. 803; mysteries of the, XXI. 250.
 CABLE, for ship, IV. 621; XXI. 597; as kind of rope, XX. 843.
 —, Submarine telegraphic, XXIII. 114.
 CABLE-HOLDER, V. 78.
 CABLE TRAMWAYS, XXIII. 508.
 CABOCHE, Jean, mob-leader in Paris, (1412-18), XVIII. 290.
 CABOCHIANS, party in Paris, IX. 549; XVIII. 290.
 CABO CORSO (Cape Coast Castle), town, West Africa, V. 41.
 CABOT, John, navigator, IV. 622; X. 183.
 —, Sebastian, English navigator, IV. 622; X. 183; XIX. 316; his discoveries in South America, II. 489.
 CABRA, town, Spain, IV. 623.
 CABRAL, Pedro Alvarez, Portuguese navigator, X. 181; his landing in Brazil, IV. 228.
 CABRERA, one of the Balearic Islands, III. 278.
 —, or Caprera, island, Italy, V. 77.
 CABUL, town and province, Afghanistan, IV. 623; river, I. 228.
 CABURET, issue of Indian and Negress, XVII. 319.
 CACAO (Cocoa), tree and fruit, VI. 100.
 CACCABIS, genus of birds, XVIII. 333.
 CACCIA DEL FALCONE, Lorenzo dei Medici's work, XV. 786.
 CACCIANIMICI, Gherardo de (Pope Lucius II.), XV. 48.
 CACCINI, Giulio, Italian musician, XVII. 86.
 CACERES, province, Spain, VIII. 564; XXII. 298.
 —, town, Spain, IV. 624.

CACHALOT, sperm whale, XV. 396; XXIV. 525.
 CACHAO, town, Anam, IV. 624.
 CACHEO, or Cachao, town, West Africa, IV. 624.
 CACHEXIA, disease, XV. 317; XVIII. 270, 395.
 CACHOEIRA, town, Brazil, IV. 624.
 CACONGO, or Kakongo, kingdom, West Africa, IV. 625; XIV. 742.
 CACOXENE, mineral, XVI. 405.
 CACTUS, group of plants, IV. 625; in United States, XXIII. 810; culture of, XII. 265.
 CADAHALSO, José de, Spanish poet, IV. 626.
 CADDIS-FLIES, insects, XIII. 151.
 CADDOS, American-Indian tribe, XII. 832.
 CADE, Jack, Insurrection in England under (1450), VIII. 327; XI. 661; XIII. 261; XXII. 725.
 CADENCY, in heraldry, XI. 704.
 CADER IDRIS, mountain, Wales, XVI. 38.
 CADI, Moslem judge, XVI. 591; XXII. 664.
 CADIZ, province, Spain, XXII. 298.
 —, town, Spain, IV. 626; observatory at, XVII. 713.
 CADMEA, citadel, Thebes, Greece, XXIII. 229.
 CADMIUM, chemical element, IV. 628; V. 526.
 CADMUS, in Greek legend, IV. 629; XI. 480; traditional inventor of the alphabet, XVIII. 806.
 —, Mount, Asia Minor, II. 706.
 CADLOUS (Honorius II., antipope), XIX. 498.
 CADOOR (Kadur), district, India, XIII. 815.
 CADORE, Tiziano Vicellio da (Titian), Italian painter, XXIII. 413.
 CADODAL, Georges, French royalist, V. 687.
 CADUCEUS, Greek symbol of herald's office, IV. 629.
 CADUSIANS, Persian expedition against them, XVIII. 578.
 CADZOW CASTLE, Lanark, Scotland, XI. 411.
 CADZOW FOREST, Scotland, Wild cattle of, V. 245.
 CÆCILÆ, order of Amphibia, I. 751.
 CÆCILIAN, bishop of Carthage, VII. 359.
 CÆDMON, Anglo-Saxon poet, IV. 629; VIII. 280, 405; XVII. 570.
 CÆLIUS ANTIPATER, Roman annalist, XIV. 729.
 CAEN, town, France, IV. 631; university of, XXIII. 841.
 CÆRE, ancient town, Etruria, IV. 632; VIII. 634.
 CAEREINION, Wales, remains of British camp at, XVI. 789.

- CAER-GWENT, ancient British town, England, XVII. 595.
- CAERLEON, town, Monmouth, England, IV. 632; XVI. 754.
- (Chester), England, Battle of (c. 613), XVII. 569.
- CAERMARTHEN, county and town, Wales, V. 114, 115.
- CAERNARVON, county and town, Wales, V. 118, 119.
- CAERWENT, Monmouth, England, Roman station at, XVI. 754.
- CÆSALPINUS, Andreas, Italian natural philosopher, IV. 633; his botanical work, IV. 79; his alleged discovery of the circulation of the blood, XI. 504; XXIV. 95.
- CÆSAR, Roman title, XX. 777.
- , Caius Julius, Roman dictator, IV. 633; XX. 763; his relations with M. Antony, II. 141; with Cleopatra, V. 826; with Pompey, XIX. 451; in Britain, IV. 352; place of his landing in England, XXII. 725; in Gaul, IX. 527; in Spain, XXII. 306; his adjustment of the calendar, IV. 666; XXII. 276; his Latin style, XIV. 333; his place in Roman literature, XX. 720.
- , Sir Julius, English scholar, IV. 639.
- CÆSARAUGUSTA (Zaragoza), ancient town, Spain, XXII. 307; XXIV. 770.
- CÆSAR BORGIA, IV. 53; I. 487, 489; IX. 554; XIII. 481; XV. 147.
- CÆSAREA, town, Cappadocia, Asia Minor, IV. 640; V. 75.
- , town, Mauretania, Africa, XV. 637.
- AUGUSTA (Zaragoza), ancient town, Spain, XXII. 307; XXIV. 770.
- PALESTINA, Roman metropolis of Palestine, IV. 639.
- PHILIPPI, town, Palestine, IV. 640.
- CÆSAREAN ERA, V. 715.
- CÆSARODUNUM (Tours), ancient town, France, XXIII. 491.
- CÆSARS, Lives of the, Suetonius's work, XXII. 619.
- CÆSENA, ancient town, Italy, V. 357.
- CÆSIUM, chemical element, V. 524; XIX. 592.
- CAFÉ LAURENT, Paris literary club, XXI. 23.
- CAFFEINE, alkaloid, distinctive of coffee, VI. 112.
- CAFFRARIA, CAFFRES, XIII. 816, 818. See also Kaffraria, Kaffres.
- CAFUSO, issue of Negro and Indian, XVII. 319.
- CAGE, as used in mining, VI. 74; XVI. 456, 462.
- CAGLI, town, Italy, IV. 640.
- CAGLIARI, town, Sardinia, IV. 640; XXI. 309.
- , Paolo (Veronese), Italian painter, XXIV. 173.
- CAGLIOSTRO, Alessandro, Count, charlatan, IV. 641; VII. 52.
- CAGN, South-African god, XVII. 136.
- CAGNIARDELLE, blasting machine, XVI. 60.
- CAGNIARD-LATOUR, Baron, on the temperature and pressure of gases, XIX. 245.
- CAGNOLA, Luigi, Marquis, Italian architect, IV. 641.
- CAGNOLI'S FORMULÆ, in trigonometry, XXIII. 567.
- CAGO (Oporto), ancient town, Portugal, XVII. 796.
- CAGOTS, race of people, France and Spain, IV. 641.
- CAGUA, mountain, Philippine Islands, XVIII. 749.
- CAHIRCIVEEN, stone fort, Ireland, XIV. 52.
- CAHORS, town, France, IV. 642; university of, XXIII. 839.
- CAIAZZO, town, Italy, IV. 648.
- CAICOS ISLANDS, West Indies, III. 236; XIII. 549.
- CAICUS, river, Mysia, Asia Minor, II. 708; XVII. 122.
- CAIETA (Gaeta), ancient town, Italy, X. 14.
- CAILCEDRA, tree, Senegambia, XXI. 662.
- CAILLETET, his liquefaction of gases, XIX. 245; his apparatus, XII. 433.
- CAILLETTE, French jester, IX. 366.
- CAILLIÉ, or Caillé, René, French African traveller, IV. 642; I. 246.
- CAIN, of Scripture, IV. 642.
- CA'ING WHALE, cetacean, XXIV. 525.
- CAINITES, Gnostic sect, IV. 642.
- CAINOZOIC ROCKS, X. 360.
- CAIRD, James, on the growing of wheat, I. 357.
- CAIRN, pile of stones, IV. 642.
- CAIRNES, John Elliot, political economist, IV. 643; XIX. 380.
- CAIRNGORM, mountain, Scotland, XIII. 199.
- , precious stone, IV. 644; I. 43; XVI. 389.
- CAIRO, town, Egypt, IV. 645; I. 267; VII. 751, 769; library, XIV. 549; mosques, II. 446; XVI. 865.
- , town, Illinois, U.S.A., XII. 706.
- CAISSON, in engineering, IV. 647; II. 461; for harbours, XI. 471; in bridge-building, IV. 325; VI. 114.
- CAITHNESS, county, Scotland, IV. 647; area and population, XXI. 528; representation, XXIII. 727; ancient remains in, XXI. 51.
- CAIUS, Roman presbyter, on Cerinthus, V. 346.
- , John, founder of Caius College, Cambridge, IV. 648; XV. 808; on birds, XVIII. 3; on the sweating sickness, XXII. 734.
- CÆSAR CALIGULA, Roman emperor, IV. 706; XX. 772, 775.
- COLLEGE, Cambridge, IV. 731.
- CAJAMARCA (Caxamarca), town, Peru, V. 279.
- CAJATAMBO, town, Peru, V. 279.
- CAJAZZO, town, Italy, IV. 648.
- CAJEPUT OIL, IV. 648; from Buru, IV. 573.
- CAJETAN, Benedict (Pope Boniface VIII.), IV. 33.
- , Cardinal, papal legate to Germany, IV. 649; XV. 73.
- ÇAKUNTALA, Sanskrit drama, XIII. 829.
- CALABAR, country, West Africa, IV. 649; river, I. 254.
- BEAN, poisonous plant, IV. 650; III. 461.
- CALABER, Quintus, Greek poet, XX. 188.
- CALABOZO, town, Venezuela, IV. 650; XXIV. 140.
- CALABRIA, district, Italy, IV. 650; XIII. 439; coins of, XVII. 637.
- CALADIUM, stove plant, XII. 266.
- CALAFATE, plant, Patagonia, XVIII. 353.
- CALAH, Ruins of, Nineveh, XVII. 512.
- CALAHONDA, village, Spain, XVII. 4.
- CALAHORRA, town, Spain, IV. 651.
- CALAIS, town, France, IV. 651; XVIII. 339.
- CALAITÉ, mineral, XVI. 405; XXIII. 670.
- CALAMARIIDÆ, family of snakes, XXII. 192.
- CALAMIANES, islands, Philippines, XVIII. 752.
- CALAMINE, mineral, XVI. 398; XXIV. 784; electric, polarity of, XIX. 312.
- CALAMIS, Greek sculptor, II. 354.
- CALAMITIES OF AUTHORS, D'Israeli's work, VII. 260.
- CALAMUS, genus of palms, XVIII. 189.
- , incense, XII. 718.
- , ancient writing implement, XVIII. 483.
- DRACO, plant, VII. 389.
- CALAMY, Edmund, Nonconformist divine (d. 1666), IV. 652.
- , Edmund, Nonconformist divine (d. 1732), IV. 652.
- CALANDRA GRANARIA, wheat pest, XXIV. 536.
- CALANDRELLA, genus of birds, XIV. 315.
- CALAPAN, town, Philippine Islands, XVIII. 752.
- CALAPHATES, Michael V., Byzantine emperor, XVI. 226.
- CALAS, Jean, French Protestant, IV. 652; Voltaire's vindication of, XXIV. 290.
- CALASANZA, Joseph, founder of the Piarists, XIX. 78.
- CALASIO, Mario de, Italian Biblical scholar, IV. 653.
- CALATAFIMI, town, Sicily, IV. 653.
- CALATAGIRONE, town, Sicily, IV. 712.
- CALATANISSETTA, town, Sicily, IV. 713; XXII. 31.
- CALATAYUD, town, Spain, IV. 653.
- CALATRAVA, Spanish crusading order, XXII. 316.

- CALAURIA, island, Greece, XIX. 521; amphictyony of, I. 773.
- CALAVERAS, California, U.S.A., gigantic trees of, XXI. 674; XXIII. 810.
- CALBE-ON-THE-SAALE, town, Prussia, XIII. 826.
- CÁLCAR, John de, German painter, IV. 653.
- CALCAREA, class of sponges, XXII. 421.
- CALCAREOUS SPAR, IV. 653.
- CALCAREOUS SPRINGS, X. 270.
- CALCEDON (Chalcedon), ancient town, Asia Minor, V. 371.
- CALCEDONY, or Chalcedony, precious stone, I. 277; XVI. 389; XVII. 776; XXI. 310.
- CALCEOLARIA, greenhouse plant, XII. 262.
- CALCHAS, Greek soothsayer, IV. 653.
- CALCHEDON (Chalcedon), town, Asia Minor, V. 371.
- CALCISPONGES, XXII. 418.
- CALCITE, mineral, X. 228; XVI. 396.
- CALCIUM, chemical element, V. 525; XIV. 647; as plant food, XIX. 49.
- FLUORIDE (Fluor-spar), mineral, IX. 349.
- CALCOPHYLLITE, mineral, XVI. 407.
- CALC-SPAR, mineral, IV. 653; XIV. 647; XVI. 396.
- CALCULATING MACHINES, IV. 654; Babbage's, III. 178.
- CALCULATION, Arithmetical, II. 526.
- CALCULUS, concretion in the bladder, XXIV. 189.
- , Infinitesimal, XIII. 5; claims of Leibnitz and Newton to the discovery of, XIV. 419; XVII. 446; differential, XIII. 13; integral, XIII. 33.
- OF FUNCTIONS, IX. 823.
- OF VARIATIONS, XXIV. 85; due to Lagrange, XIV. 207.
- CALCUTTA, capital of India, IV. 656; rise of, XII. 800; jute trade of, XIII. 801; libraries, XIV. 533; newspapers, XVII. 432; university, XXIII. 856.
- CALDANI, Leopold Marco Antonio, Italian anatomist, IV. 659.
- CALDAS, Brazil, hot springs of, IV. 223.
- DE MOMBUY, Spain, mineral water of, XVI. 434.
- CALDEIRAS, boiling fountains, Azores, III. 171.
- CALDER, Sir Robert, British admiral, IV. 659.
- CALDERON, Serafin Estébanez, Spanish satirist, XXII. 361.
- DE LA BARCA, Pedro, Spanish dramatist, IV. 659; VII. 422; XXII. 359.
- CALDERWOOD, David, Scottish historian, IV. 661.
- CALDICOT CASTLE, Monmouth, England, XVI. 754.
- CALDIERO, Italy, Battle of (1796), III. 131.
- CALE (Oporto), ancient seaport, Portugal, XVII. 795.
- CALEB WILLIAMS, Godwin's novel, X. 718.
- CALEDONIA, ancient Northern Britain, IV. 662; XXI. 471.
- , Chalmers's work, V. 373.
- , Canada, mineral water of, XVI. 436.
- CALEDONIAN CANAL, IV. 787.
- CALEDONITE, mineral, XVI. 402.
- CALENBURG, principality, Hanover, IV. 664.
- CALENDAR, IV. 664; V. 711; reformation of, by Cæsar and Sosigenes, IV. 638; XXII. 276; by Gregory XIII., XI. 178; Accadian, III. 191; Burmese, IV. 555; Egyptian, VII. 728; French Republican, IX. 606; Gregorian, or New Style, IV. 671; ancient Mexican, I. 695; XVI. 212; Nepalese, XVII. 343; Siamese, XXI. 853.
- CALENDARIO, Filippo, Venetian architect and conspirator, XXIV. 153.
- CALENDER, machine for dressing cloth, IV. 682; for glossing paper, XVIII. 224.
- CALENDERING, in cloth bleaching, III. 819.
- CALENDs, first day of the Roman month, IV. 665.
- CALENDULA, genus of plants, XV. 544.
- CALEPINO, Ambrogio, Italian lexicographer, IV. 683; his polyglott dictionary, VIII. 843.
- CALF OF MAN, islet, Irish Sea, XV. 450.
- CALF SKINS, for tanning, XIV. 380, 386.
- CALHOUN, John Caldwell, American politician and orator, IV. 683; I. 722; XXIII. 762, 764, 770.
- CALIARI, Carlo, Italian painter, XXIV. 174.
- , Paolo (Veronese), Italian painter, XXIV. 173.
- CALIBRATION, of thermometers, XXIII. 289.
- CALICHE, nitrate of soda, XVII. 518.
- CALICO, cotton cloth, VI. 488, 500.
- CALICO-PRINTING, IV. 684.
- CALICUT, town, India, IV. 693.
- CALIFORNIA, State, U.S.A., IV. 694; topography of, XXIII. 801; population, XXIII. 802; discovery of, by Hernan Cortes, VI. 442; surveyed by Alarcon, I. 442; aborigines of, XII. 826; birds, III. 752; marine fishes, XII. 679; forests, IX. 405; gold, X. 743; mines, XVI. 470; opium cultivation, XVII. 792; sulphur mines, XXII. 634; trees, XXIII. 809; wine industry, XXIV. 611.
- , Gulf of, XVIII. 116; pearl fisheries, XVIII. 447.
- , Lower, state, Mexico, XVI. 214.
- CALIFORNIAN TOAD, lizard, XIV. 736.
- CALIGRAPHY, XVIII. 143; XXIII. 682.
- CALIGULA, Caius Cæsar, Roman emperor, IV. 706; XX. 772, 775; as Antichrist, II. 124.
- , Palace of, at Rome, XX. 823.
- CALINGA, ancient kingdom, India, XIII. 829.
- CALINGAPATAM, town, India, XIII. 829.
- CALIPH, Mohammedan sovereign, IV. 706; XVI. 589, 591; XXII. 661.
- CALIPHATE, The Eastern, XVI. 565.
- OF CORDOVA, XXII. 313.
- CALIPHATES, Coins of the, XVII. 659.
- CALIPHS, Tombs of the, Cairo, XVI. 865.
- CALIPPUS, Greek astronomer, II. 748.
- CALISAYA, quinine, XX. 186.
- CALISIA (Kalish), ancient town, Poland, XIII. 829.
- CALISTHENICS, gymnastic exercises, XI. 350.
- CALITRI, town, Italy, IV. 707.
- CALIXTINES, Christian sect, XVI. 811.
- CALIXTUS I., or Callistus, pope, IV. 707; XIX. 489; XXI. 127.
- II., pope, IV. 707; XIX. 499.
- III., pope, IV. 707.
- , Georgius, Lutheran divine, IV. 707.
- CALLAINITE, mineral, XXIII. 670.
- CALLAIS, or Callaina, ancient precious stone, XXIII. 670.
- CALLANDER, town, Scotland, XVIII. 667.
- CALLAO, town, Peru, IV. 707; XIV. 644.
- CALLATIS (Mangalia), ancient town, Thrace, XV. 479.
- CALLCOTT, Sir Augustus Wall, English painter, IV. 708.
- , John Wall, English composer, IV. 708.
- , Mrs Maria Graham, English writer, IV. 708.
- CALLERNISH, Druidical stones of, Lewis, Scotland, XIV. 492.
- CALLES (Cagli), ancient town, Italy, IV. 640.
- CALLICHTHYS, genus of fishes, XXII. 69.
- CALLIGRAPHY, XVIII. 143; XXIII. 682.
- CALLIMACHUS, Greek architect and statuary, IV. 709.
- , Greek poet and librarian of the Alexandrian library, IV. 708; I. 498.
- CALLIOPE, Muse of epic poetry, IV. 709; XVII. 74.
- CALLIPIDÆ, Græco-Scythian race, XXI. 575.
- CALLIPOLIS (Gallipoli), ancient town, Italy, X. 43.
- CALLIPUS, Period or Cycle of, IV. 668.
- CALLIRHOE, in Greek legend, IV. 709.
- CALLISTHENES, Greek philosopher, IV. 709; his courage and his fate, I. 484.
- , Pseudo-, romancing history of, XX. 640.
- CALLISTO, in Greek mythology, IV. 709; XVIII. 208.

- CALLISTRATUS, Athenian orator, IV. 709.
 —, Athenian poet, IV. 709.
 CALLISTUS, or Calixtus (*q.v.*), popes, IV. 707; XIX. 489.
 CALLITHRIX, genus of apes, II. 154.
 CALLITRIS, genus of trees, XVI. 833; XXI. 256.
 CALLON, Greek sculptor, II. 350.
 CALLOPHIS, genus of snakes, XXII. 196.
 CALLOSITIES, in mammals, XV. 348.
 CALLOT, Jacques, French engraver and caricaturist, IV. 709; V. 104.
 CALLOWHILL, Hannah, wife of William Penn, XVIII. 497.
 CALLUNA, genus of plants, XI. 589.
 CALYODON, genus of fishes, XVIII. 324.
 CALMAR, county, Sweden, XXII. 741.
 —, town, Sweden, IV. 710; treaty of union of (1397), VII. 85; XVII. 746.
 CALMET, Augustine, French Biblical critic, IV. 710; IX. 671.
 CALMEYER ISLAND, Indian Archipelago, XXII. 653.
 CALMUCKS, or Kalmuks, people, Mongolia, IV. 710; XVI. 745, 749; XXIII. 70.
 CALNE, town, England, IV. 711; XXIV. 594.
 CALGENAS, genus of birds, XIX. 8.
 CALOMEL, in chemistry and pharmacy, IV. 711; XVI. 33, 35; as mineral, XVI. 384.
 CALOMPÉ, town, Cambodia, IV. 725.
 CALONNE, Charles Alexandre de, French statesman, IV. 711; IX. 595.
 CALOPRINI, noble family, Venice, XVI. 836.
 CALOPTENUS, genus of locusts, XIV. 766.
 CALORIMETER, XX. 132; Thompson's, for coal, VI. 80.
 CALORIMETRY, measurement of quantities of heat, XI. 555.
 CALOTES, genus of lizards, XIV. 736.
 CALOTYPE, in photography, XVIII. 824.
 CALPE, the ancient Gibraltar, X. 585.
 CALPRENÈDE, Chevalier de la, French romancist, XX. 659.
 CALPURNIUS, father of St Patrick, XVIII. 411.
 —, Titus, Roman poet, IV. 712.
 — PISO, Lucius, Roman annalist, XIV. 729.
 CALTAGIRONE, town, Sicily, IV. 712.
 CALTANISSETTA, town, Sicily, IV. 713; XXII. 31.
 CALTHA, genus of plants, XV. 544.
 CALTHROP, in heraldry, XI. 703.
 CALUIRE-ET-CUIRE, town, France, XX. 529.
 CALUMET, American-Indian pipe of peace, XIX. 111.
 — COPPER MINES, Michigan, U.S.A., XVI. 239; XXIII. 816.
 CALVADOS, department, France, IV. 713.
 CALVART, Denis, painter, IV. 713; XX. 396.
 CALVERT, George, Lord Baltimore, English statesman, IV. 713; XVII. 385.
- CALVI, town, Corsica, IV. 713.
 CALVIN, Gerard, father of John Calvin, IV. 714.
 —, John, Reformer, IV. 714; X. 149; XX. 334; XXII. 791; his system of church order, XIX. 676; his doctrine of predestination, XIX. 670; his influence on French prose, IX. 654; his relations with Beza, III. 625; with Farel, IX. 32; with Servetus, XXI. 685; with Socinus, XXII. 228.
 CALVINISTIC CHURCHES, their liturgical service, XIV. 711.
 CALVINISTIC METHODISTS, Welsh, XVI. 193.
 CALVISIUS, Sethus, German astronomer, IV. 721.
 CALVUS, Licinius, Roman poet, V. 249.
 CALW, town, Würtemberg, XIII. 830.
 CALYCADNUS, river, Asia Minor, II. 708.
 CALYDON, ancient town, Greece, IV. 721.
 CALYMNA, island, Asia Minor, coins of, XVII. 647.
 CALYPSO, in Greek mythology, IV. 721.
 —, Grotto of, Malta, XV. 341.
 CALYPTOBLASTEA-LEPTOMEDUSÆ, order of Hydrozoa, XII. 561.
 CALYPTRÆA, genus of Mollusca, XVI. 650.
 CALYX, of plants, IV. 131.
 CAM, in mechanics, XV. 759.
 —, Diogo, Portuguese discoverer, IV. 721.
 CAMAHIEU, Le, a sardonyx cameo, IV. 739.
 CAMALDULIANS, Camaldoli, or Camaldolites, religious order, IV. 721; XVI. 708.
 CAMARACUM (Cambray), ancient town, France, IV. 726.
 CAMARGUE, district, Bouches-du-Rhône, France, IV. 169.
 CAMARINA, ancient town, Sicily, IV. 721; XXII. 814; coins of, XVII. 639.
 CAMAROON, river, West Africa, I. 254.
 — MOUNTAINS, West Africa, I. 251.
 CAMBACÈRES, Jean Jacques Regis de, French statesman, IV. 722; IX. 613; XVII. 203.
 CAMBADENE, Parthian kingdom, XVIII. 592.
 CAMBALUC, or Cambalu, ancient capital of China, IV. 722.
 CAMBARUS PELLUCIDUS, blind crayfish, XV. 450.
 CAMBAY, town and gulf, India, IV. 723.
 CAMBERT, Robert, French musical composer, IV. 723.
 CAMBERWELL, district, London, XIV. 822.
 CAMBIASI, Luca (Luchetto da Genova), Italian painter, X. 158.
 CAMBIUM, layer between stem and bark in trees, IV. 101; XII. 15.
- CAMBO, France, mineral springs of, XX. 127.
 CAMBODIA, kingdom, south-eastern Asia, IV. 723; its relation to Siam, XXI. 854.
 —, river, VI. 94.
 CAMBODUNUM, Roman town, England, XII. 331.
 CAMBOGIA (Gamboge), drug, X. 60.
 CAMBOIS COLLIERY, Northumberland, England, VI. 63.
 CAMBOJA (Cambodia, *q.v.*), kingdom, Asia, IV. 723.
 CAMBORNE, town, England, IV. 726.
 CAMBRAY, or Cambrai, town, France, IV. 726; league and treaty of (1508), IX. 555, 556; XXIV. 144.
 CAMBRIAN ROCKS, X. 329.
 CAMBRIC, muslin, IV. 726.
 CAMBRIDGE, county, England, IV. 726; population and representation, XXIII. 727.
 —, town, England, IV. 728; university, XXIII. 838, 848; Trinity College, III. 579; libraries, XIV. 520, 542; newspapers, XVII. 422; observatory, XVII. 710; boat racing, XXI. 31.
 —, town, Massachusetts, U.S.A., IV. 732; Harvard College at, XI. 500; libraries, XIV. 550; observatory, XVII. 715.
 —, O. P., on spiders, II. 294.
 — GULF, Western Australia, XXIV. 507.
 — MORALISTS, Ethics of the, VIII. 597.
 — PLATONISTS, XIX. 211.
 CAMBUSKENNETH ABBEY, Scotland, XXII. 555.
 CAMBYSES, king of Persia, father of Cyrus, IV. 732.
 —, king of Persia, son of Cyrus, IV. 733; XVIII. 567; in Egypt, VII. 743.
 CAMDEN, town, New Jersey, U.S.A., IV. 734; XVII. 397.
 —, town, South Carolina, U.S.A., IV. 734; battle of (1780), XXIII. 744.
 —, First Earl, lord chancellor of England, IV. 735.
 —, First Marquis, lord lieutenant of Ireland, XIV. 853.
 —, William, English antiquary, IV. 734; on anagrams, I. 790.
 CAMEL, ungulate mammal, IV. 735; XV. 430; its affinity to the llama, XIV. 738; of Arabia, II. 242; of Egypt, VII. 711; of Persia, XVIII. 625; of Turkestan, XXIII. 635, 638.
 CAMELINE OIL, XVII. 745.
 CAMELLIA, genus of plants, IV. 737; its culture as greenhouse plant, XII. 262; allied to tea, XXIII. 97.
 CAMELON CAUSEWAY, Roman road, Stirling, Scotland, XXII. 554.
 CAMELOPARD, ungulate mammal, X. 618; XV. 432.

CAMENIATA, Joannes, Byzantine historian, IV. 613.
 CAMEO, engraved relief work, IV. 738; X. 136.
 CAMERA, Photographic, XVIII. 839.
 — LUCIDA, IV. 740.
 — OBSCURA, IV. 741; XVIII. 839.
 CAMERARIUS, Joachim, German scholar (d. 1574), IV. 741.
 —, Joachim, German physician (d. 1598), IV. 741.
 CAMERINO, town, Italy, IV. 741.
 CAMERON, Charles D., British consul in Abyssinia, I. 66.
 —, John, Scottish theologian, IV. 741.
 —, Richard, Scottish covenant, IV. 742.
 —, V. L., explorer of Central Africa, I. 249; X. 194.
 CAMERONIANS, Scottish religious denomination, IV. 742; XIX. 684; XXI. 516.
 CAMERONITES, or Universalists, religious sect, IV. 741.
 CAMEROONS, mountains, Africa, IV. 742; languages of the region, XXIV. 828.
 CAMIGUIN, island, Philippines, XVIII. 751; volcano, XVIII. 749.
 CAMILO, of Sicily, mystic, XXII. 228.
 CAMILLUS, Marcus Furius, Roman dictator, IV. 742; XX. 740.
 — AND CAMILLA, juvenile assistants at Roman sacrifices, IV. 742.
 CAMINHA, Andrade de, Portuguese poet, IV. 746.
 CAMIRUS, town, Rhodes, XX. 526; gold ornaments from, II. 350.
 CAMISARDS, French insurgents, IV. 743; V. 260.
 CAMMELLI, Antonio, Italian poet, XIII. 510.
 CAMMIN, town, Prussia, XIII. 833.
 CAMOCA, Oriental cloth, XXIII. 210.
 CAMOENS, or Camões, Luiz de, Portuguese poet, IV. 745; XIX. 556.
 — COLLECTION, of books and MSS., XIV. 533.
 CAMOMILE, or Chamomile, plant, XII. 289; flowers, V. 384.
 CAMP, Intrenched, IX. 466.
 —, Roman, IV. 750.
 CAMPE (Kampen), town, Holland, XIII. 833; XVIII. 78.
 CAMPAGNA, town, Italy, IV. 751.
 — DI ROMA, district, Italy, IV. 751; XIV. 343.
 CAMPAIGNS, Military, XXIV. 344.
 CAMPAN, Jeanne Louise Henriette, French writer, IV. 751.
 CAMPANELLA, Tomaso, Italian philosopher, IV. 751.
 —, Punta della, cape, Italy, XVII. 187.
 CAMPANIA, ancient province, Italy, IV. 752; XIII. 439; coins of, XVII. 637.
 — FELIX, Italy, XVII. 187.
 CAMPANI-ALIMENIS, Matteo, Italian mechanic, IV. 753.

CAMPANIANS, Italian people, XXI. 248.
 CAMPANILE, bell-tower, IV. 753; Giotto's, at Florence, II. 436; X. 611; campanile at Pisa, XIX. 122; campaniles at Rome, II. 436; XX. 835; campanile of St Mark, Venice, XXIV. 153.
 CAMPANUS AGER, district, Italy, V. 79.
 CAMPASPE, river, Victoria, Australia, XXIV. 215.
 CAMPBELL, Lord, lord chancellor of England, IV. 757.
 —, Sir Archibald, his expedition against Burmah, IV. 557.
 —, Sir Colin, Lord Clyde, British general, VI. 43.
 —, George, Scottish theologian and critic, IV. 754; on rhetoric, XX. 515.
 —, John, American journalist, XVII. 433.
 —, John, Scottish historian, IV. 754.
 —, John McLeod, of Row, Scottish divine, XXI. 538.
 —, Robert Macgregor (Rob Roy), XX. 608.
 —, Thomas, English poet, IV. 755.
 CAMPBELL'S TOMB, Egypt, VII. 772.
 CAMPBELTOWN, town, Scotland, IV. 759.
 CAMPE, Joachim Heinrich, German educationist, IV. 760.
 CAMPÉCHE, or Campeachy, state, Mexico, XVI. 214; XXIV. 757; town, IV. 760; XVI. 214; XXIV. 758.
 CAMPEGGIO, Lorenzo, cardinal, IV. 760.
 CAMPELLENSIS, Gulielmus (William of Champeaux), scholastic philosopher, V. 386; III. 602.
 CAMPER, Peter, Dutch anatomist, IV. 760; I. 815.
 CAMPERDOWN, Holland, Naval battle of (1797), VII. 533; VIII. 362.
 CAMPHOR, aromatic substance, IV. 760; chemistry of, V. 560; XVII. 748; as incense, XII. 718; from Formosa, V. 636.
 CAMPHUYSEN, Dirk Rafaelsz, Dutch painter, IV. 761.
 CAMPI, Bernardino, Italian painter, IV. 761.
 —, Giulio, Italian painter, IV. 761.
 CAMPIAN, Edmund, English Jesuit, IV. 761.
 CAMPIDANO, Plain of, Sardinia, XXI. 307.
 CAMPLI, town, Italy, IV. 762.
 CAMPOAMOR, Ramon de, Spanish poet, XXII. 362.
 CAMPOBASSO, town, Italy, IV. 762; province, XVI. 631.
 CAMPOBELLO, town, Sicily, IV. 762.
 — DI LICATA, town, Sicily, IV. 762.
 CAMPODUNUM (Kempten), Roman town, Bavaria, XIV. 33.
 CAMPO FORMIO, Italy, Treaty of (1797), III. 131; IX. 610; XIII. 485; XVII. 200.
 CAMPOLOLAS, African race, V. 281.
 CAMPOMANES, Pedro Rodriguez, Conde

de, Spanish statesman and economist, IV. 762; XIX. 363; XXII. 342.
 CAMPO SANTO, cloister, Pisa, VI. 36; XIX. 122.
 CAMPSIE, Scotland, manufacture of alum at, I. 646.
 — FELS, hills, Scotland, XXII. 553.
 CAMUCCINI, Vincenzo, Italian painter, IV. 762.
 CAMUL (Hami), town, Central Asia, XI. 409.
 CAMULODUNUM (Colchester), ancient town, England, VI. 124.
 CAMULOGENUS, Gallic chief, XVIII. 286.
 CAMUNI, Rhaetian people, XX. 505.
 CAMUS, Charles Étienne Louis, French mathematician, IV. 762.
 CANA, of Galilee, Palestine, IV. 762.
 —, Dahomey, Africa, VI. 765.
 CANAAN, geographical name, IV. 762.
 —, son of Ham, XVII. 523.
 CANAANITES, people of Phœnicia and Palestine, IV. 763; XIII. 397, 401; XVI. 533; XVIII. 174, 803.
 CANADA, The Dominion of, IV. 765; I. 711; early exploration of, X. 187; Champlain's settlements in, V. 387; as a French possession, IX. 587; grant of, to Sir William Alexander, I. 493; in relation to the United States, XXIII. 733, 742, 759, 782; official precedence in, XIX. 667; birds of, III. 752; XVIII. 16; coalfields, VI. 60; debt, XVII. 247; fisheries, IX. 266; forests, IX. 405; immigration to, VIII. 177; Indian tribes, XII. 830; libraries, XIV. 534, 550; militia, II. 593; mines, XVI. 469; newspapers, XVII. 437; post office, XIX. 578; railways, XX. 252; universities, XXIII. 856.
 —, Upper, XVII. 774.
 — BALSAM, III. 293; IX. 225; XXIII. 669.
 CANADIAN, river, New Mexico and Texas, U.S.A., XVII. 400; XXIII. 203.
 CANAIGRE, plant, XVII. 401.
 CANAL, IV. 782; flow of water in, XII. 492; Grand, in China, V. 631; Panama, XVIII. 209; Suez, XXII. 620.
 —, or Canaletto, Antonio, Venetian painter, IV. 795.
 CANALS, Egyptian, VII. 709; European, VIII. 710; of Holland, XI. 63; in India, for irrigation, XIII. 369; aqueducts on, II. 229; Brindley's construction of, IV. 347; Telford's, XXIII. 155.
 CANANDAIGUA, town, New York, U.S.A., IV. 795; lake, XVII. 451.
 CANANUS, Joannes, Byzantine historian, IV. 613.
 CAÑAR, Ecuador, Inca remains at, VII. 648.
 CANARA, North, district, India, XIII. 834.
 —, South, district, India, XIII. 835.

- CANARESE LANGUAGE, dictionaries of, VII. 191.
- CANARIS, Constantino, Greek leader, XI. 125.
- CANARIUM, genus of trees, VIII. 122.
- CANARY, Grand, longitude reckoned from, X. 187.
- CANARY-BIRD, IV. 795; IX. 192.
- CANARY ISLANDS, North Atlantic, IV. 795; I. 272; XXII. 298.
- CANARY WINE, XXIV. 607.
- CANAS, Peruvian nation, XVIII. 676.
- CANCALE, town, France, IV. 800.
- CANCAO, or Cancar, town, Cambodia, IV. 800.
- CANCEAU, Gut of, strait, Nova Scotia, V. 40.
- CANCER, disease, IV. 800; XVIII. 380; of the breast, XVIII. 383; of the stomach, XXII. 575; of the throat, XXIII. 321.
- CANCIONEROS, Spanish collections of poems, XXII. 355.
- CANCRIN, Franz Ludwig von, German mineralogist, IV. 801.
- CANCRINITE, mineral, XVI. 412.
- CANDAHAR, town, Afghanistan, XIII. 835.
- CANDAULES, Lydian king, XV. 100.
- CANDEISH, district, India, XIV. 56.
- CANDELABRUM, ancient lamp-stand, IV. 802.
- CANDIA, or Crete (*q.v.*), island, European Turkey, VI. 569; XXIII. 653.
- , town, Crete, IV. 802; capture of by the Turks (1669), XXIV. 147.
- CANDIAC, Jean Louis, precocious French child, IV. 802.
- CANDIDE, Voltaire's work, XXIV. 292.
- CANDLE, and candle-making, IV. 802.
- CANDLEMAS, church festival, IV. 804.
- CANDLE-NUT OIL, XVII. 744.
- CANDLESTICK, IV. 804.
- CANDLISH, Robert Smith, Scottish divine, IV. 804.
- CANDOLLE, Augustin Pyramus de, VII. 18; his classification of plants, IV. 80; XVI. 838.
- CANDY, Sugar, confection, VI. 257.
- CANE, variety of plants, IV. 805.
- CANEA, town, Crete, IV. 806; VI. 572.
- CANEPHORI, in Greek festival processions, IV. 806.
- CANE-SUGAR, XIX. 54; XXII. 623, 625.
- CANETE, Mendoza, marquis of, Peruvian viceroy, XVIII. 677.
- CANFINNY, chief of Irish sept, XIX. 735.
- CANGA-ARGUELLES, José, Spanish statesman, IV. 806.
- CANGIAGIO, Luca (Luchetto da Genova), Italian painter, X. 158.
- CAN GRANDE, duke of Verona, XXIV. 173.
- CANICATTI, town, Sicily, IV. 806.
- CANIDÆ, family of carnivorous mammals, VII. 324; XV. 437.
- CANIGOU, Mont, France, XX. 128.
- CANINA, Luigi, Italian archaeologist, IV. 806.
- CANINI, Giovanni Agnolo, Italian engraver, IV. 806.
- CANINO, Prince of (Lucien Bonaparte), IV. 28.
- CANISP, mountain, Scotland, XXII. 726.
- CANITZ, Baron von, German poet, IV. 807; X. 531.
- CANMORE, Malcolm, king of Scotland, XXI. 480.
- CANNABIN, CANNABENE, resin and oil in Indian hemp, XI. 649.
- CANNÆ, ancient town, Italy, IV. 807; battle of (216 B.C.), III. 444; XI. 443; XX. 749.
- CANNANORE (Kananur), town, India, XIII. 834; XV. 312.
- CANNEL COAL, VI. 46; XVI. 429.
- CANNES, town, France, IV. 807; I. 599.
- CANNIBALISM, IV. 807; evidences of, in bone-caves, V. 269; on the Congo, XVII. 317; in Fiji, IX. 157; in Polynesia, XIX. 426.
- CANNIDAS, in Greek legend, XXIII. 294.
- CANNING, Earl, governor-general of India, IV. 810; XII. 809.
- , George, English statesman, IV. 809; VIII. 365; his duel with Castle-reagh, XIV. 854; his relations with Palmerston, XVIII. 193; with Peel, XVIII. 454.
- , Stratford (Viscount Stratford de Redcliffe), English diplomatist, XXII. 590.
- CANNOBIO, town, Italy, XV. 198.
- CANNON, ancient, II. 557; construction of, XI. 286; naval, XVII. 286.
- , George Q., Mormon delegate to United States Congress, XVI. 827.
- STREET RAILWAY STATION, London, XX. 235.
- CANNSTATT, or Canstatt, town, Würtemberg, V. 26; XXII. 613; population, XXIV. 701.
- CANO, Alonzo, Spanish painter and sculptor, IV. 811; XXI. 567.
- , Melchior, Spanish bishop, IV. 811; his opposition to the Jesuits, XIII. 650.
- CANOBUS, or Canopus, town, ancient Egypt, V. 23.
- CANOE, kind of boat, IV. 811; XXI. 804.
- CANON, of Scripture, V. 1; III. 644; of Hebrew Bible, III. 635.
- , ecclesiastical officer, V. 15, 228.
- , of hymns in Greek Church, XII. 580.
- , in music, XVII. 82.
- CANONICAL HOURS, V. 22; IV. 263.
- CANONIZATION, V. 22.
- CANON LAW, V. 15; growth of, XIX. 499; its relations to heresy, XI. 734; Cranmer's revision of, VI. 551.
- CANON MIRIFICUS, Napier's work on logarithms, XVII. 178.
- CANONS, Apostolic, II. 194.
- CANONS, Book of, for Scottish Church, XXI. 511.
- CAÑONS, of the Colorado river, U.S.A., VI. 163; XXIII. 799.
- CANONS REGULAR, order of monks, XVI. 707; of the Holy Sepulchre, XXI. 670.
- CANOPUS, town, ancient Egypt, V. 23.
- CANOPY, in architecture, II. 461.
- CANOSA, town, South Italy, V. 23.
- CANOSSA, North Italy, emperor Henry IV.'s penance at (1077), X. 488; XI. 177; XIII. 471; XV. 632.
- CANOVA, Antonio, Italian sculptor, V. 24; XXI. 570.
- CANOVAS DEL CASTILLO, Antonio, Spanish historian, XXII. 362.
- CANSO, Gut of, strait, Nova Scotia, V. 40; XVII. 601.
- CANSTATT, town, Würtemberg, V. 26; XXII. 613; population, XXIV. 701.
- CANSTEIN, Karl Hildebrand, count of, German writer, V. 27.
- CANTABRIA, district, ancient Spain, V. 27.
- CANTABRIAN MOUNTAINS, Spain, XXII. 294.
- CANTACUZENE, Serban, voivode of Walachia, XXI. 17.
- CANTACUZENUS, Johannes, emperor of the East, V. 27; as Byzantine historian, IV. 613; on Hesychasm, XI. 782.
- CANTAGALLO, town, Brazil, V. 27.
- CANTAL, department, France, V. 27.
- CANTARINA, Simone, Italian painter, V. 28.
- CANTATA, musical composition, XVII. 86, 88.
- CANTEMIR, Antiochus, Russian poet, V. 28.
- , Demetrius, voivode of Moldavia, V. 28; XXI. 19.
- CANTERBURY, town, England, V. 28; XIV. 39; archbishop of, II. 369; list of archbishops, V. 30; original Saxon cathedral, I. 13; III. 419; architecture of cathedral, II. 426; crypt of cathedral, VI. 668; library, XIV. 519; newspapers, XVII. 421.
- , province, New Zealand, V. 30.
- TALES, Chaucer's, V. 452; VIII. 412.
- CANTHARIDES, in pharmacy, V. 31; VI. 133; as poison, XIX. 278.
- CANTHARUS, ancient Greek cup, XIX. 180, 614.
- CANTICLES, book of Scripture, V. 32.
- CANTILLON, Napoleon's bequest to, XVII. 226.
- CANTING ARMS, in heraldry, XI. 691.
- CANTON, town, China, V. 37, 639.
- , town, Ohio, U.S.A., V. 39; XVII. 737.
- , administrative district in Switzerland, XXII. 793, 795.
- , John, English physicist, V. 39; his electrical discoveries, VIII. 7.
- CANTOR, M., on numerals, XVII. 627.

- CANTU, or Canturio, town, Italy, v. 39.
- CANULEIAN LAW, in Rome, XX. 738.
- CANUS, Melchior, Spanish bishop, IV. 811; XIII. 650.
- CANUSIUM (Canosa), ancient town, Italy, v. 23.
- CANUTE, or Cnut, king of Denmark and England, v. 39; VIII. 287.
- CANVAS, cloth, v. 40; for painting, XVIII. 137; for sails, XXI. 154.
- CANVAS-BACK DUCK, bird, XIX. 252.
- CANZONIERE, Petrarch's lyrics, XIII. 504; XVIII. 711.
- CAOUANA, genus of chelonian reptiles, XXIII. 458.
- CAOUTCHIN, volatile hydrocarbon, XII. 840.
- CAOUTCHOUC (India-rubber, *q.v.*), XII. 835; IV. 88.
- NAPHTHA, XVII. 174.
- TREE, Brazil, IV. 226.
- CAPE BRETON, island, Nova Scotia, v. 40; XVII. 601.
- CAPE COAST CASTLE, town, West Africa, v. 41.
- CAPE COLONY, South Africa, v. 41; I. 270; birds of, XVIII. 16; debt, XVII. 247; diamond mines, VII. 164; marine fishes, XII. 681; mines, XVI. 469; Christian missions, XVI. 517; newspapers, XVII. 433; railways, XX. 252; university, XXIII. 857; wine industry, XXIV. 611.
- CAPEFIGUE, Battiste Honoré Raymond, French writer, v. 53.
- CAPE HAYTIEN, town, Hayti, v. 50.
- CAPE HORN, South America, XXIII. 383; rounded by Maire and Schouten, X. 186.
- CAPEL, Lord, English Royalist leader, v. 53.
- CAPELIN, fish, XXI. 221, 224.
- CAPELL, Edward, Shakespearean critic, v. 53.
- CAPELLA, Martianus Mineus Felix, scientific writer, v. 53; his encyclopædia, VIII. 191; on mnemonics, XVI. 532.
- CAPELLEN, Admiral, his expedition against Algiers, I. 566.
- CAPE MAY, town, New Jersey, U.S.A., XVII. 397.
- CAPE OF GOOD HOPE, South Africa, rounded by Bartolommeo Dias, v. 44; VII. 169; X. 57; by Vasco da Gama, X. 57, 181.
- CAPE-PIGEON, bird, XVIII. 712.
- CAPERCALLY, or Capercailzie, bird, v. 53.
- CAPERNAUM, Palestine, v. 54; site of, X. 29.
- CAPERS, pickle, v. 54.
- CAPE ST ROQUE CURRENT, in Atlantic, III. 19.
- CAPE ST VINCENT, Portugal, Battle of (1797), XVII. 322.
- CAPET, royal family, France, v. 55.
- CAPET, Hugh, king of France, IX. 536; abbeys held by, I. 24; Paris his capital, XVIII. 287.
- CAPE TOWN, South Africa, v. 49; I. 270; libraries, XIV. 534, 550; observatories, XVII. 716.
- CAPE VERD ISLANDS, v. 50; I. 272; birds of, III. 759.
- CAPE WRATH, Scotland, cliffs at, XXI. 526.
- CAPE YORK PENINSULA, Australia, XX. 172.
- CAPGRAVE, John, English historian, v. 55.
- CAPHTOR, original home of the Philistines, XVIII. 756.
- CAPIAS, obsolete writs in English law, XXIV. 695.
- CAPILLARIES, in blood system, I. 905; XXIV. 105, 107.
- CAPILLARY ACTION, v. 56; dependent on adhesion, I. 153; perpetual motion sought by means of, XVIII. 554.
- CAPIO PIGNORIS, in Roman law, XX. 685.
- CAPIS, town, Philippine Islands, v. 71.
- CAPISTRANO, Giovanni di, Franciscan monk, v. 71.
- CAPITAL, in architecture, II. 461.
- , in political economy, v. 71; national, XVII. 247; socialistic views of, XXII. 206, 211; taxes on, XXIII. 88; theories of, XIX. 374.
- AND LABOUR, in economics, XXIV. 48; Say's theory of, XXI. 361.
- CAPITALS, in Latin writing, XVIII. 152.
- CAPITANATA, province, Italy, v. 73.
- CAPITATION TAXES, XXIII. 89.
- CAPITO, Ateius, Roman jurist, XIV. 164.
- , Wolfgang Fabricius, German theologian, v. 73; on church order, XIX. 676.
- CAPITOL (Capitolium), at Rome, v. 73; XX. 824.
- , at Washington, U.S.A., II. 454; XXIV. 384.
- CAPITOLINE HILL, Rome, XX. 824.
- CAPITOLINE JUPITER, Temple of, at Rome, XX. 824; XXIII. 193.
- CAPITOLINI FASTI, IX. 43.
- CAPITOLINUS, Julius, Augustan historian, III. 74.
- , Jupiter, XIII. 780; temple of, XX. 824; XXIII. 193.
- , Marcus Manlius, Roman soldier, XV. 492.
- CAPITULARIES, Frankish laws, v. 73.
- CAPITULATION, surrender, v. 74; authority for, XXIII. 531.
- CAPIZ, town, Philippine Islands, v. 71.
- CAPMANY, Antonio de Montpalan y, Spanish historian, v. 74.
- CAPNION (John Reuchlin, *q.v.*), German Reformer, XX. 489.
- CAPOBIANCO, leader of carbonari, v. 88.
- CAPOCCIO, Giovanni, senator, mediæval Rome, XX. 795.
- CAPO D'ISTRIA, town, Austria, v. 74; salt-works at, XXI. 229.
- , or Capodistrias, John, Count, Russian diplomatist and president of Greece, v. 74; XI. 125; XVII. 353.
- CAPOLAGO, village, Switzerland, XV. 60.
- CAPONNIÈRE, in fortification, IX. 439.
- CAPON SPRINGS, West Virginia, U.S.A., XXIV. 518.
- CAPORCIANITE, mineral, XVI. 422.
- CAPPADOCIA, province, Asia Minor, v. 74; XIX. 458; its relation to Phrygia, XVIII. 850; coins of, XVII. 648.
- CAPPEL, Switzerland, Battle of (1531), XX. 334; XXII. 790; XXIV. 612, 833.
- , French family of distinguished scholars, v. 77.
- , Louis, French Protestant theologian, v. 77; IV. 603; on inspiration of Scripture, XIII. 156.
- CAPPELLARI, Bartolommeo Alberto (Pope Gregory XVI.), XI. 179.
- CAPPELLO, Bianca, grand-duchess of Saxony, XV. 791.
- CAPPELLUS, Ludovicus (L. Cappel, *q.v.*), v. 77; IV. 603.
- CAPPERONIER, Claude, French classical scholar, v. 77.
- CAPPONI, Gino, Florentine statesman and historian, IX. 336; XIII. 488.
- , Neri, Florentine soldier, XV. 784.
- , Piero, ally of Savonarola, XXI. 335.
- , Raffaello (Del Garbo), Italian painter, X. 73.
- CAPRA, genus of mammals, X. 708.
- CAPRAJA, island, Italy, XIII. 440.
- CAPRÆ (Capri), island, Italy, v. 77.
- CAPRERA, island, Italy, v. 77.
- CAPRI, island, Italy, v. 77; XIII. 441.
- CAPRIC ACID, XVII. 731.
- CAPRICES DE MARIANNE, Musset's play, XVII. 111.
- CAPRIMULGUS, genus of birds, X. 711.
- CAPSICUM, cayenne pepper, v. 280; as vegetable, XII. 280.
- CAPSTAN, for raising weights, v. 78.
- CAPSULE, of plants, IV. 152.
- CAPTAIN, warship, Loss of the, XVII. 285.
- , Naval, his rank and duties, XVII. 292.
- CARLETON, work attributed to Defoe, VII. 29.
- OF THE FLEET, his rank and duties, XVII. 292.
- SINGLETON, Defoe's work, VII. 28.
- CAPTIVITY OF THE JEWS, Babylonian, XIII. 417.
- CAPTURE, in war, XIX. 766.
- CAPUA, ancient town, Italy, v. 79; siege of (211 B.C.), XI. 443; XX. 749.
- CAPUCHINS, Franciscan monks, v. 79; IX. 699; XVI. 711.
- CAPUZINERBERG, mountain, Austria, XXI. 239.
- CAPVERN, spa, France, XX. 127.
- CAPYBARA, rodent mammal, v. 80; XV. 421.

- CAR, Railroad, XX. 247.
 —, Tramway, XXIII. 507.
- CARABINEERS, cavalry, v. 262.
- CARABOBO, state, Venezuela, XXIV. 140.
- CARACAL, or Lynx, carnivorous mammal, v. 80; XV. 109.
- CARACALLA, Roman emperor, XXI. 700; his massacre of Alexandrians, I. 494.
 —, Baths of, at Rome, III. 436.
- CARACARON, ancient town, Central Asia, XIV. 2.
- CARACAS, town, Venezuela, v. 81; XXIV. 140.
- CARACCI, Agostino, Italian painter, v. 81.
 —, Annibale, Italian painter, v. 81; XX. 396.
 —, Lodovico, Italian painter, v. 81; XX. 396.
- CARACCIOLLO, Giambattista, Neapolitan painter, XX. 532.
- CARACENI, Samnite tribe, Italy, XXI. 248.
- CARACTACUS, or Caradoc, British chief, IV. 353; XXI. 848.
 —, Mason's tragedy, XV. 611.
- CARAFFA, Giovanni Pietro (Pope Paul IV.), XVIII. 431.
- CARAHUAIRAZO, mountain, Ecuador, VII. 645.
- CARAITES, Jewish sect, XIV. 2.
- CARALES (Cagliari), ancient town, Sardinia, IV. 640.
- CARALITIS, lake, Asia Minor, XIII. 384.
- CARALLIA, district, Isauria, Asia Minor, XIII. 384.
- CARAMAN, or Karaman, town, Asiatic Turkey, v. 82; XV. 92.
- CARAMANIA, district, Asiatic Turkey, v. 82.
- CARAMURATADES, Albanians, their conversion to Islam, XI. 122.
- CARAMURU (D. A. Correa, III. 239), Portuguese settler in Brazil, IV. 228.
 —, Brazilian poem, by Durão, VII. 553.
- CARANX, genus of fishes, XII. 206.
- CARAPA OIL, XVII. 746.
- CARASSIUS AURATUS, gold-fish, X. 759.
- CARAUSIUS, ruler of Britain, IV. 353.
- CARAVACA, town, Spain, v. 82.
- CARAVAGGIO, Michelangelo Amerighi da, Italian painter, v. 82; XX. 532.
 —, Polidoro Caldara da, Italian painter, v. 83.
- CARAVAN, company of travellers, v. 83.
- CARAVANSERAI, for shelter of caravans, v. 84.
- CARAVELLAS, town, Brazil, v. 85.
- CARAWAY, culinary herb, v. 85; XII. 289.
- CARBAMIDE, in chemistry, v. 575, 578; XVII. 516.
- CARBEAS, leader of the Paulicians, XVIII. 434.
- CARBIDE, Magnetic, as filter, IX. 168.
- CARBOLIC ACID, v. 85; as antiseptic, XXII. 678; as poison, XIX. 277.
- CARBOLIC OIL, XXIII. 59.
- CARBON, chemical element, v. 86, 520; determination of, v. 544; as plant food, XIX. 48; spectrum of, XXII. 375; in charcoal, v. 398; in steel, XIII. 281.
- COMPOUNDS, Nitrogenous, XVII. 519.
 — PRINTS, Photographic, XVIII. 831.
- CARBONARI, Italian secret societies, v. 88; XIII. 486.
- CARBONATE OF SODA, as flux, XVI. 62.
- CARBONATES, v. 88; in metallurgy, XVI. 61; of soda, XXII. 241.
- CARBONDALE, town, Pennsylvania, U.S.A., v. 89.
- CARBONIC ACID, v. 88; expansion of, by heat, XI. 574; liquefaction of, XIX. 244; oceanic, XXI. 611; as poison, XIX. 279.
- CARBONIFEROUS STRATA, x. 346; in Great Britain, VI. 48.
- CARBUNCLE, precious stone, v. 89; x. 82; XVI. 411.
 —, skin affection, v. 89; XXII. 683
- CARCAJENTE, town, Spain, v. 89.
- CARCASO (Carcassonne), ancient town, France, v. 90.
- CARCASSONNE, town, France, v. 89.
- CARCHARIAS, genus of sharks, XXI. 774, 776.
- CARCHARODON, genus of sharks, XXI. 777; their great length, XXI. 609.
- CARCHEMISH, town, on the Euphrates, VIII. 669; XI. 791.
- CARCINOMA (Cancer, *q.v.*), disease, IV. 800.
- CARCLAZITE, rock, XIV. 1.
- CARDAMOM, aromatic fruit, v. 90; from India, XII. 748.
- CARDAN, Girolamo, Italian mathematician and physicist, v. 90; his dispute with Tartaglia, I. 513; XXIII. 68; his work on algebra, I. 513; on astrology, II. 742; on teaching of deaf-mutes, VII. 6.
- CARDENAS, town, Cuba, v. 92.
- CARD GAMES, x. 67; cheating at, XIV. 415; bézique, III. 623; cribbage, VI. 575; écarté, VII. 620; euchre, VIII. 654; loo, XV. 1; napoleon, XVII. 229; picquet, XIX. 114; poker, XIX. 282; whist, XXIV. 543.
- CARDIFF, town, Wales, v. 92; University College at, XXIII. 856.
- CARDIGAN, county, Wales, v. 94; population and representation, XXIII. 727; town, v. 95.
 —, Seventh Earl of, British general, v. 95.
- CARDINAL, in Roman Catholic Church, v. 96; XX. 629.
- CARDINALS, College of, XIX. 498.
- CARDING, in wool manufacture, XXIV. 658.
 — ENGINES, for cotton, VI. 492.
- CARDIOGRAPH, measurer of heart-beats, XXIV. 100.
- CARDITIS, disease, XI. 554.
- CARDIUM, genus of molluscs, VI. 100.
- CARDONA, town, Spain, v. 98; salt hill of, XV. 497; XXI. 231.
- CARDOON, vegetable, XII. 280.
- CARDROSS CASE, in Free Church of Scotland, IX. 745.
- CARDS, Playing, v. 99; conjuring tricks with, XV. 211. See also Card Games.
- CARDUCCI, or Carducho, Bartolommeo, Italian painter, v. 100.
 —, Giosuè, Italian poet, XIII. 516.
 —, Vincenzo, Italian painter, v. 100.
- CARDUELIS, genus of birds, x. 758; XXII. 99.
- CARDUUS, genus of plants, XXIII. 307.
- CARDWELL, Edward, English church historian, v. 100.
- CARETTA, genus of chelonian reptiles, XXIII. 458, 460.
- CARETTOCHELYS, genus of chelonian reptiles, XXIII. 459.
- CAREW, George, earl of Totness, writer on Ireland, v. 101.
 —, George, English diplomatist and historian, v. 101.
 —, Sir Peter, in Ireland, XIII. 264.
 —, Richard, author of Survey of Cornwall, v. 101.
 —, Thomas, English poet, v. 101.
- CAREY, Henry, English humorist and musician, v. 101.
 —, Henry Charles, American economist, XIX. 384.
 —, William, Indian missionary and Orientalist, v. 101.
- CARGILL, Donald, Scottish Covenanter, v. 102.
- CARGO, Damage of, in insurance, III. 146.
- CARIA, province, Asia Minor, v. 102; coins of, XVII. 647.
- CARIACO, town, Venezuela, v. 103.
- CARIAMA, bird, XXI. 676.
- CARIANS, people of Asia Minor, II. 711; in relation to the Leleges, XIV. 434.
- CARIBBEAN SEA, v. 103; XXIV. 510.
- CARIBBEE ISLANDS, West Indies, v. 103.
- CARIBE (Caripe), town, Venezuela, v. 106.
- CARIBOCO, issue of Negro and Indian, XVII. 319.
- CARIBOU, American reindeer, VII. 25; in Newfoundland, XVII. 383.
 —, island, Nova Scotia, XVII. 601.
- CARIBS, race of people, Central America, v. 103; XII. 131; XVII. 479.
- CARICATURE, v. 103.
- CARIES, bone disease, v. 105.
- CARIGNANO, town, Italy, v. 105.
- CARILEPH, Bishop, builder of Durham cathedral, VII. 562.
- CARILLON FALLS, Canada, XX. 165.
- CARILLONS, of bells, III. 538.

- CARIMATA ISLANDS, Indian Archipelago, v. 105.
- CARINA, Parthian kingdom, XVIII. 592.
- CARINARIA, genus of Mollusca, XVI. 654.
- CARINATÆ, division of birds, III. 699; XVIII. 19.
- CARINELLA, genus of worms, XVII. 326, 328, 330.
- CARINE NOCTUA, owl of Pallas Athene, XVIII. 91.
- CARINI, town, Sicily, v. 106.
- CARINOLA, town, Italy, v. 106.
- CARINTHIA, crown-land, Austria, v. 106; XXII. 614.
- CARINUS, Roman emperor, XVII. 627.
- CARIPE, town, Venezuela, v. 106.
- CARISBROOKE, village and castle, Isle of Wight, v. 106; XXIV. 562.
- CARISIACUM (Quiersy-sur-Oise), France, Diet of (877), IX. 534.
- CARISSIMI, Giacomo, Italian composer, v. 106.
- CARLETON, Sir Dudley, English statesman, v. 107.
- , William, Irish novelist, v. 107.
- COLLEGE OBSERVATORY, Northfield, Minnesota, XVII. 715.
- CARLI, Giovanni Rinaldo, count of, Italian economist, v. 107; XIX. 362.
- CARLISLE, town, England, v. 108; parliament of, VIII. 373.
- , town, Pennsylvania, U.S.A., v. 110.
- , Fifth Earl of, statesman, v. 110.
- , Seventh Earl of, statesman, v. 110.
- TABLE, of mortality, XIII. 169.
- CARLIST WAR, Spain, XXII. 346.
- CARLO ALBERTO, king of Sardinia, XIII. 486.
- CARLO EMMANUELE III., king of Sardinia, XIII. 484.
- CARLOMAN, son of Charles Martel, IX. 531.
- CARLOS, Don, son of Philip II. of Spain, XVIII. 744.
- , Don, king of Naples (Charles III. of Spain), XXII. 338, 340.
- , Don, brother of Ferdinand VII. of Spain, XXII. 345.
- CARLOVINGIAN KINGS, of France, IX. 530.
- CARLOW, county, Ireland, v. 110, 111; population and representation, XXIII. 727; town, v. 111.
- CARLOWITZ, town, Hungary, v. 112; peace of (1699), XIV. 466; XXIII. 646; wine of, XXIV. 610.
- CARLSBAD, town, Bohemia, v. 112; mineral water of, XVI. 435.
- DECREES (1819), X. 505.
- CARLSBURG, town, Transylvania, v. 112.
- CARLSEN, Captain, Norwegian Arctic explorer, XIX. 323.
- CARLSHAMN, town, Sweden, v. 112.
- CARLSKRONA, province and town, Sweden, v. 112.
- CARLSRUHE, town, Baden, v. 112.
- CARLSTAD, province and town, Sweden, v. 113.
- CARLSTADT, district and town, Bavaria, v. 113.
- , town, Croatia, Austria, v. 113.
- (A. R. Bodenstein, *q.v.*), German Reformer, v. 113; XX. 333.
- CARLUKE, town, Scotland, v. 114.
- CARLYLE, Alex., Scottish clergyman, XX. 599.
- , Joseph Dacre, English Orientalist, v. 114.
- , Thomas, his Letters and Speeches of Oliver Cromwell, VI. 604; his Life of John Sterling, XXII. 541.
- CARMAGNOLA, town, Italy, v. 114.
- , Francesco Bussone, count of, condottiere, v. 114.
- CARMANIA, Parthian satrapy, XIV. 99; XVIII. 586.
- CARMARTHEN, county, Wales, v. 114; population and representation, XXIII. 727; town, v. 115.
- CARMATHIANS, Moslem sect, II. 259; XIV. 15; XVI. 586, 594.
- CARMEL, mountain, Palestine, v. 115; XVIII. 172; Elijah at, VIII. 135.
- CARMELITES, order of monks, v. 116; XVI. 709.
- CARMENTA, Roman goddess, XIX. 654.
- CARMICHAEL, Gershom, Scottish metaphysician, v. 117.
- CARMINA NISIBENA, Syriac hymns, XXII. 828.
- CARMINE, pigment, v. 117; XIX. 88.
- CARMINIC ACID, VI. 97.
- CARMONA, town, Spain, v. 118; XXI. 708.
- CARMOOT, fish, XXII. 67.
- CARNAC, town, France, v. 118; ancient remains at, II. 383; XXI. 51.
- CARNALLITE, mineral, XV. 217; XVI. 384; XIX. 588.
- CARNAN, Thomas, claimant of the right to print almanacs, I. 591.
- CARNARVON, county, Wales, v. 118; population and representation, XXIII. 727; town, v. 119.
- CARNATIC, district, India, v. 119.
- CARNATION, flowering plant, XII. 254; XIX. 106.
- CARNAUBA WAX, XXIV. 459.
- CARNEADES, Greek philosopher, v. 120; I. 69; XXI. 380; opponent of the Stoic school, XXII. 570.
- CARNEIA, Spartan festival, II. 186.
- CARN EIGE, mountain, Scotland, XX. 854.
- CARNELIAN, precious stone, I. 277; XVI. 389; XXI. 310; gems of, X. 136.
- CARNI, ancient Italian tribe, XIII. 447.
- CARNIA, province, Greece, I. 79.
- CARNIC ALPS, I. 630.
- CARNIOLA, province, Austria, v. 121.
- CARNIVAL, season preceding Lenten fast, v. 121.
- CARNIVORA, order of mammals, v. 124; XV. 432; sense of touch in, XXIII. 479.
- CARNIVOROUS PLANTS, XIII. 134.
- CARNOT, Lazare Nicolas Marguerite, French minister of war, v. 124; IX. 606, 609; organizer of Revolutionary army, II. 601; on fortification, IX. 442, 463.
- , N. L. Sadi, French mathematician, XXIII. 283; on radiation of heat, XX. 214; on the theory of steam-power, XXII. 478, 481, 485.
- CARNOUSTIE, town, Scotland, IX. 411.
- CARNOVALE, Fra, Italian painter, XXI. 442.
- CARNTUAL, mountain, Ireland, XIII. 215.
- CARNUNTUM, ancient town, Pannonia, v. 125.
- CARO, Annibale, Italian poet, v. 125.
- CAROB TREE, or Locust, XIV. 767; v. 623; beans, III. 460.
- CAROLAN, Turlogh, Irish bard, v. 125.
- CAROLINA, colony, U.S.A., XXIII. 729.
- , North, State, U.S.A., XVII. 558.
- , South, State, U.S.A., XXII. 286.
- JASMINE, plant, XIII. 596.
- CAROLINE, Amelia Augusta, wife of George IV. of England, v. 125; VIII. 365; X. 427; trial of, IV. 377.
- , Maria, wife of Ferdinand IV. of Naples, IX. 79.
- ISLANDS, Pacific Ocean, v. 125; XVI. 256; XVIII. 128.
- MANUSCRIPTS, XVIII. 160.
- CAROLINGIANS, French kings, IX. 530.
- CARON, Pierre Augustin (Beaumarchais), French dramatist, III. 467; IX. 666.
- CARONI, affluent of Orinoco river, South America, XVII. 844.
- CARONIUM (Corunna), ancient town, Spain, VI. 443.
- CARORA, town, Venezuela, v. 126.
- CAROSOMO, Benedetto, senator, medieval Rome, XX. 795.
- CAROUGE, town, Switzerland, v. 126.
- CARP, fish, XII. 692; XIX. 127; XXIII. 173; angling for, II. 43.
- CARPAL BONES, Anatomy of, I. 827.
- CARPATHIAN MOUNTAINS, v. 126; III. 115; XII. 361; XXIII. 521.
- CARPATHUS, island, Asia Minor, v. 127.
- CARPEAUX, J. B., French sculptor, XXI. 564.
- CARPEL, in plants, IV. 141; XX. 424.
- CARPELLINI, C. F., Siennese librarian, XXII. 43.
- CARPENTARIA, Gulf of, Australia, v. 127; III. 107; XX. 171.
- CARPENTER, Naval, duties of, XVII. 293.
- , W. B., on vertical oceanic circulation, III. 22, 24.
- CARPENTERIANA, ana of Charpentier, I. 785.
- CARPENTRAS, town, France, v. 127; XXIV. 114.

- CARPENTRY, in building, IV. 476.
 CARPET, v. 127; East Indian, XII. 762; Kidderminster, XIV. 68; Oriental, XXIII. 211; Persian, XVIII. 626; Turkish, II. 708.
 CARPHOLITE, mineral, XVI. 425.
 CARPHOSIDERITE, mineral, XVI. 401
 CARPI, town, Italy, v. 131.
 —, Girolamo da, Italian painter, v. 131.
 —, Ugo da, Italian painter, v. 131.
 CARPINI, Joannes de Plano, mediæval traveller, v. 132; X. 178; XV. 474; his account of Cathay, v. 628.
 CARPINUS, genus of trees, XII. 168.
 CARPOCRATES, Gnostic, v. 132; X. 703.
 CARPOSPORÆ, class of plants, III. 693.
 CARPUS, Anatomy of the, I. 827; in mammals, XV. 359.
 CARPZOV, family of distinguished Germans, v. 133.
 CARQUINEZ STRAITS, California, U.S.A., XXI. 262.
 CARR, Robert, earl of Somerset, XXII. 260.
 CARRAGEEN, Irish moss, kind of seaweed, XIII. 276; I. 508.
 CARRANCHA, Patagonian bird, XVIII. 353.
 CARRANZA, Bartolomé de, Spanish theologian, v. 133.
 CARRARA, town, Italy, v. 133.
 — MARBLE, XV. 528.
 — MOUNTAINS, Italy, XIII. 438.
 CARRATRACA, Baths of, Spain, XV. 315.
 CARREL, Armand, French publicist, v. 134.
 CARRELS, in architecture, II. 461.
 CARRHE (Haran), Mesopotamia, XI. 454; battle of (53 B.C.), XVIII. 597; XX. 766, 774.
 CARRIACOU, island, West Indies, XI. 184.
 CARRIAGE, v. 134.
 —, Gun, XI. 310.
 —, Railway, XX. 247.
 — HORSE, XII. 191.
 CARRICK, district, Ayrshire, Scotland, III. 163.
 —, Earl of (Henry de Percy), XVIII. 522.
 —, Earl of (Robert The Bruce), XVIII. 522; XX. 592.
 CARRICKFERGUS, town, Ireland, v. 137.
 CARRICKMACROSS, town, Ireland, XVI. 718.
 CARRICK-ON-SHANNON, town, Ireland, XIV. 433.
 CARRICK-ON-SUIR, town, Ireland, v. 138; XXIII. 406.
 CARRIER, conveyer of goods, v. 138.
 —, Jean Baptiste, French Revolutionist, v. 139.
 — PIGEON, VII. 379; XIII. 159; postal, XIX. 581.
 CARRINGTON, R. C., his observations on sun-spots, II. 784, 786; his observatory at Redhill, England, XVII. 711.
 CARRION-CROW, bird, VI. 618.
 CARROCCIO, Lombard war-carriage, XIII. 470.
 CARRON, town, Scotland, v. 139; river, XXII. 553.
 CARRONADE, gun, II. 557; XI. 306.
 CARROT, vegetable, I. 369; XII. 280.
 CARSE, alluvial plain, in Scotland, XXI. 524; of Gowrie, Perthshire, XVIII. 666; of Stirling, XXII. 553.
 CARSON, river and lake, Nevada, U.S.A., XVII. 367.
 — CITY, Nevada, U.S.A., XVII. 368.
 CARSTARES, William, Scottish divine, v. 139; XXI. 518.
 CART, White and Black, rivers, Scotland, XX. 395.
 CARTAGENA, town, Colombia, South America, v. 140; attack on, by Vernon, (1740), XXIV. 170.
 —, town, Spain, v. 140.
 —, Alphonso de, Spanish historian, I. 619.
 CARTAGO, town, Colombia, South America, v. 141.
 —, town, Costa-Rica, Central America, v. 141.
 CARTAPHILUS, the Wandering Jew, XIII. 673.
 CARTE, Thomas, English historian, v. 141.
 CARTER, Elizabeth, English writer, v. 141.
 —, Isaac, pianoforte maker, XIX. 76.
 —, John, his illustrations of British architecture, II. 445.
 CARTERET, Sir George, grantee of New Jersey, U.S.A., XVII. 398.
 —, John, Earl Granville, statesman, XI. 52.
 —, Philip, governor of New Jersey, U.S.A., XVII. 398.
 CARTESIANISM, v. 142; VII. 115; VI. 250; XVI. 91; in relation to logic, XIV. 792; theism of, XXIII. 244. See also Descartes.
 CARTESIAN PHILOSOPHY, opposed by Condillac, VI. 250.
 CARTHAGE, ancient town, Africa, v. 160; XXIII. 620; coins of, XVII. 651; colonization of, X. 175; commerce, VI. 199; language, XXI. 646; probably the Elishah of Scripture, XIII. 593; its connexion with Phœnicia, XVIII. 806; its invasion of Sicily, XXII. 18; its rivalry with Rome, XX. 746, 751, 767, 781; under Hannibal, XI. 441; its ascendancy over Spain, XXII. 305; its power destroyed by Scipio Africanus, XXI. 467; wars with Masinissa, XV. 608; in time of St Augustine, III. 75; conquest of, by the Vandals, XXIV. 58; Turner's pictures of, XXIII. 666.
 CARTHAGENA, town, Colombia, South America, v. 140.
 —, town, Spain, v. 140.
 CARTHAMINE, dye, XXI. 145.
 CARTHAMUS, genus of plants, XXI. 145; XXIII. 307.
 CART-HORSE, XII. 192; breeding and rearing of, I. 385.
 CARTHUSIAN ABBEYS, I. 20.
 CARTHUSIANS, order of monks, v. 163; XVI. 708.
 CARTIER, Jacques, French explorer, v. 165; X. 183; XVI. 795.
 CARTILAGE, in anatomy, I. 851; XXII. 109.
 CARTOGRAPHY, map-making, XV. 515; X. 191; ancient, XX. 91, 94.
 CARTOMANCY, divining by playing-cards, VII. 293.
 CARTON PIERRE, paper pulp for mouldings, XVIII. 228.
 CARTOON, in painting, v. 165.
 CARTRIDGE PAPERS, Sizes of, XVIII. 226.
 CARTRIDGES, I. 744.
 CARTWRIGHT, Edmund, inventor of power-loom, v. 166; VI. 500.
 —, Major John, parliamentary reformer, v. 166.
 —, Thomas, Puritan divine, v. 166; XIX. 685.
 —, William, English poet and dramatist, v. 167; VII. 433.
 CARUCCI, Jacopo (Pontormo), Italian painter, XIX. 458.
 CARUPANO, town, Venezuela, v. 167; XXIV. 140.
 CARUS, Karl Gustav, German physiologist, v. 167.
 CARVAHAL, Tomas José Gonzalez, Spanish poet, v. 167.
 CARVALHO E MELLO, Sebastian José de, Marquis de Pombal, Portuguese statesman, XIX. 441.
 CARVED WORK, for houses, IV. 508.
 CARVIN, town, France, v. 167; XVIII. 340.
 CARVING, in ivory, v. 167; Japanese, XIII. 591; in wood, v. 168; XXIV. 644.
 — AND GILDING, v. 169.
 CARWAR, town, India, XIV. 7.
 CARY, Henry Francis, translator of Dante, v. 170.
 —, Sir Lucius, Viscount Falkland, v. 170.
 CARYA, genus of trees, XI. 790.
 CARYATIC ORDER, in architecture, II. 407.
 CARYATIDES, in architecture, II. 357, 407, 461.
 CARYL, Joseph, Nonconformist divine, v. 171.
 CARYOCATACTES, genus of birds, XVII. 665.
 CARYOPHYLLÆIDÆ, family of tape-worms, XXIII. 54.

- CARYOTA, genus of palms, XVIII. 190.
 CASA, Giovanni della, Italian poet, v. 171.
 —, José Iglesias de la, Spanish writer, XXII. 361.
 CASABA, town, Asia Minor, v. 181.
 CASA BLANCA, town, Morocco, XVI. 831.
 CASA CALENDIA, town, Italy, v. 171.
 CASALE, town, Italy, v. 171.
 CASALMAGGIORE, town, Italy, v. 171.
 CASALPUSTERLENGO, town, Italy, v. 171.
 CASAMICCILOLO, spa, Ischia, Italy, XIII. 385.
 CASANATENSE LIBRARY, Rome, XIV. 529, 548.
 CASANOVA DE SEINGALT, Venetian adventurer, v. 171.
 CASAS, Bartolomé de las, apostle of the Indies, XIV. 319; XXII. 138.
 — GRANDES, town, Mexico, v. 172.
 CASAUBON, Isaac, Huguenot scholar, v. 172.
 CASAUBONIANA, ana of Casaubon, I. 785.
 CASBIN, or Kasbin, town, Persia, v. 174; XVIII. 627, 628.
 CASCADE, Electric, VIII. 35.
 — MOUNTAINS, U.S.A., XXIII. 800; XXIV. 385.
 CASCARоба, bird, XXII. 732.
 CASCIANO DEI BAGNI, town, Italy, v. 175.
 CASCO, mulatto, XVII. 319.
 CASE, Trespass on the, in law, XXIII. 454, 552.
 CASE-HARDENING, in iron manufacture, XIII. 342.
 CASEIN, essential constituent of cheese, IV. 591; v. 455; VI. 771; in milk, XVI. 303.
 CASEMENT, in architecture, II. 461; French, IV. 494.
 CASERTA, town, Italy, v. 175.
 CASE SHOT, I. 745.
 CASES OF CONSCIENCE, v. 203.
 CASH, Chinese money, XVII. 661.
 CASHAN, or Kashan, town, Persia, v. 175; XVIII. 626.
 CASH-BOOK, in book-keeping, IV. 46.
 CASH CREDITS, in Scottish banks, III. 334.
 CASHEL, town, Ireland, v. 175; XXIII. 406; architecture of chapel at, II. 429; synod of (1172), XIII. 259.
 —, Rock of, v. 175; XXIII. 406.
 CASHEW NUT, v. 175; XVII. 664; oil from, XVII. 744.
 CASHGAR (Kashgar), town, Turkestan, XIV. 7; XXIII. 639.
 CASHMERE (Kashmir), state, Asia, XIV. 9; XI. 823.
 — GOAT, X. 709.
 — SHAWLS, XXI. 781.
 CASIMIR I., king of Poland, XIX. 286.
 — II., of Poland, XIX. 287.
 — III., the Great, of Poland, XIX. 288.
 CASIMIR IV., of Poland, XIX. 289.
 —, John, German Presbyterian, XIX. 697.
 CASINO, or Cassino, Monte, Italy, Benedictine monastery of, XVI. 778, 703; III. 557; library and archivio, XIV. 531, 548.
 CASIQUIARE, branch of Orinoco river, South America, XVII. 843.
 CASIRI, Michael, librarian of the Escorial, v. 176.
 CASIUS, Mons, Syria, XXII. 821.
 CASK-MAKING, VI. 338.
 CASLAU, town, Bohemia, VI. 754.
 CASLUHIM, of Scripture (Gen. x. 14), XVIII. 757.
 CASMENE, Syracusan settlement, Sicily, XXII. 814.
 CASORIA, town, Italy, v. 176.
 CASPARI, C. P., Norwegian theologian, XVII. 592.
 CASPE, town, Spain, v. 176.
 CASPIAN SEA, v. 176; XIV. 217; level of, as compared with Oxus and Sea of Aral, XVIII. 104; Rubruquis's description of, XXI. 47; seal fisheries of, XXI. 582.
 CASQUE, helmet, XI. 637.
 CASQUETS, rocks, Channel Islands, I. 474.
 CASS, Lewis, American statesman, v. 181; XXIII. 768.
 CASSABA, town, Asia Minor, v. 181.
 CASSANA, Niccolo, Italian painter, v. 182.
 CASSANDER, king of Macedonia, v. 182; XV. 142.
 —, George, Flemish theologian, v. 182.
 CASSANDRA, in Greek legend, v. 182.
 —, Lycophron's poem, XV. 94.
 CASSANO, town, Italy, v. 182.
 CASSAVA, farinaceous plant, v. 182; II. 631; XXIII. 56.
 CASSEGRAIN, N., his telescope, XXIII. 137, 145.
 CASSEL, town, France, v. 183.
 —, town, Germany, v. 182; picture gallery of, XXI. 445.
 —, Hesse, state, Germany, XI. 779.
 — YELLOW, pigment, XIV. 379.
 CASSIA, genus of plants, XXI. 664.
 — BARK, v. 184.
 CASSIANUS, Joannes Eremita, monk, v. 184; XVIII. 472; on monachism, XVI. 702.
 CASSINI, family of French astronomers, v. 184.
 —, Giovanni Domenico, astronomer, v. 184; II. 755; his telescopic discoveries, XXIII. 136; his geodetic measurements, VII. 597.
 CASSINO, Monte, Italy, Benedictine monastery of, XVI. 778, 703; III. 557; library and archivio, XIV. 531, 548.
 CASSIODORUS, or Cassiodorius, Magnus Aurelius, Roman historian, v. 185; XXII. 238; on Boetius, III. 856; his History of the Goths, XIII. 748.
 CASSIS, town, France, v. 185.
 CASSITERIDES, tin islands, off Cornwall, XVIII. 806.
 CASSITERITE, mineral, XVI. 387; XXIII. 400.
 CASSIUS, Avidius, Roman general, XVIII. 604.
 — LONGINUS, Caius, assassin of Julius Caesar, v. 185; IV. 639; associations of the name, XIV. 864.
 CASSIVELLAUNUS, British chief, IV. 352, 637.
 CASSOON, or Casson, in architecture, II. 461.
 CASSOVA, or Kosova, Battles of (1389, 1448), I. 781, 782; XXI. 689.
 CASSOVIA (Kaschau), town, Hungary, XIV. 7.
 CASSOWARY, bird, v. 185; VIII. 171.
 CASSYTHA, parasitic plant, XVIII. 265.
 CAST, of gypsum, XI. 353.
 CASTAGNA, Giovanni Battista (Pope Urban VII.), XXIV. 9.
 CASTAGNO, Andrea del, Italian painter, v. 186.
 CASTALIA, fountain, Delphi, Greece, v. 186; VII. 52.
 CASTAMON (Kastamuni), town, Asia Minor, XIV. 14.
 CASTANOS, Francisco Xavier de, Spanish general, v. 186.
 CASTE, social distinction, v. 186; in Ceylon, v. 367; in India, IV. 204; XII. 745, 781.
 CASTEL, suburb of Mainz, Germany, XV. 305.
 —, Jean du, French poet, v. 704.
 —, Louis Bertrand, French mathematician, v. 192.
 CASTEL-A-MARE, town, Italy, v. 193; XVII. 187.
 —, town, Sicily, v. 193.
 CASTELAR, Emilio, Spanish statesman, XXII. 346.
 CASTELEYN, Matthijs de, Dutch writer, XII. 92.
 CASTELL, Edmund, English Orientalist, v. 193.
 CASTELLAMARE, town, Italy, v. 193; XVII. 187.
 CASTELLANE, Françoise de, Marquise de Mirabeau, XVI. 493.
 CASTELLANS, Polish senators, XIX. 288.
 CASTELLI, Benedetto, Italian mathematician, X. 32; on the motion of fluids, XII. 435.
 —, Ignaz Friedrich, Austrian dramatist, v. 193.
 CASTELLO, Bernardo, Italian painter, v. 193.
 —, Giovanni Battista, Italian painter, v. 193.
 —, Guido di (Pope Celestine II.), v. 291.
 —, Valerio, Italian painter, v. 193.

- CASTELLO GIUBILEO, town, Italy, IX. 141.
- CASTELLON DE LA PLANA, town, Spain, v. 193; province, XXII. 298.
- CASTEL MELHOR, Count of, Portuguese statesman, XIX. 549.
- CASTELNAU, Michel de, French chronicler, v. 194; XVIII. 291.
- CASTELNAUDARY, town, France, v. 194.
- CASTELO BRANCO, town, Portugal, v. 194.
- CASTEL SARRASIN, town, France, v. 193.
- CASTEL VETRANO, town, Sicily, v. 193.
- CASTERLY, Wilts, England, British remains at, XXIV. 594.
- CASTES, of India, IV. 204; XII. 745, 781.
- CASI, Giovanni Battista, Italian poet, v. 195.
- CASTIGLIONE, Duke of (Angereau), French general, III. 71.
- , Baldassare, Italian writer and diplomatist, v. 195; XIII. 510; his Cortigiano, VII. 672.
- , Carlo Ottavio, Count, Italian philologist, v. 195.
- , Giovanni Benedetto, Italian painter, v. 195.
- DELLE STIVIERE, town, Italy, v. 195.
- CASTIGLIONI, Francesco Xaviero (Pope Pius VIII.), XIX. 156.
- , Godfrey (Pope Celestine IV.), v. 291.
- CASTIGNEAU, arsenal, Toulon, France, XXIII. 483.
- CASTILE, Kingdom of, Spain, v. 196; XXII. 312, 315, 318, 326; XVIII. 450; language of, XXII. 349, 352.
- , New, province, Spain, v. 196; XXII. 298.
- , Old, province, Spain, v. 196; XXII. 298.
- CASTILHO, A. F. de, Portuguese poet, XIX. 557.
- CASTILIAN LANGUAGE, XXII. 349, 352.
- CASTILLA, Ramon, president, Peru, XVIII. 678.
- CASTILLEJO, Cristobal de, Spanish poet, v. 196; XXII. 357.
- CASTILLEJOS, Marquis de los (Prim), Spanish statesman, XIX. 732.
- CASTILLO, Juan del, Spanish painter, XVII. 55.
- CASTILLOA ELASTICA, india-rubber plant, XII. 837.
- CASTING, Metal, IX. 479; XVI. 72.
- CAST IRON, XIII. 281, 318.
- CASTLE, v. 197.
- ACRE ABBEY, Norfolk, England, I. 15.
- CASTLEBAR, town, Ireland, v. 199; XV. 650.
- CASTLEBLAYNEY, town, Ireland, XVI. 718.
- CASTLE-DOUGLAS, town, Scotland, XIV. 98.
- CASTLE GARDEN, New York, immigrant depôt, VIII. 175; XVII. 462.
- CASTLE HOWARD, Yorkshire, Vanbrugh's design, XXIV. 55.
- CASTLE OF INDOLENCE, Thomson's poem, XXIII. 311.
- CASTLE OF OTRANTO, Walpole's romance, XXIV. 334.
- CASTLE PILGRIM, Acre, fortress of the Templars, XXIII. 162.
- CASTLE RACKRENT, Miss Edgeworth's novel, VII. 654.
- CASTLEREA, town, Ireland, XX. 850.
- CASTLEREAGH, Viscount, second marquis of Londonderry, XIV. 853; VIII. 365.
- CASTLETOWN, town, Isle of Man, v. 199; XV. 453.
- CASTOR, mineral, XVI. 416.
- , Roman station, England, XVII. 557.
- , Temple of, at Rome, XX. 818.
- AND POLLUX, in Greek mythology, v. 199; electric glow, XIV. 633.
- CASTORIDÆ, family of rodent mammals, XV. 416, 418.
- CASTOR OIL, v. 200; XVII. 744.
- CASTRATION, VIII. 667; of horses, I. 386; of sheep, I. 395.
- CASTRÉN, Matthias Alexander, Russian philologist, v. 200.
- CASTRENSIS, Paulus, Italian jurist, v. 201.
- CASTRES, town, France, v. 201.
- CASTRIES, town, St Lucia, West Indies, XXI. 186.
- CASTRIOTA, George (Scanderbeg), Albanian prince, XXI. 365; I. 447; XXIII. 642.
- CASTRO, town, Italy, v. 201.
- , Guillen de, Spanish dramatist, v. 202; VII. 421; XXII. 358.
- , Inez de, wife of Pedro I. of Portugal, v. 202; XIX. 543.
- , João de, viceroy of Portuguese Indies, v. 203.
- , Vaca de, governor of Peru, XVIII. 677.
- CASTROCARO, Italy, mineral water of, XVI. 434.
- CASTRO DEL RIO, town, Spain, v. 201.
- CASTROGIOVANNI, town, Sicily, v. 201; XXII. 31.
- CASTRO NUOVO, town, Sicily, v. 201.
- CASTRO REALE, town, Sicily, v. 201.
- CASTRO URDIALES, town, Spain, v. 201; XXI. 297.
- CASTROVILLARI, town, Italy, v. 203.
- CASTRUCCIO CASTRACANI, Ghibelline chief, v. 203; XIII. 477; XIX. 121.
- CAST STEEL, XIII. 341.
- CASTULO, ancient village, Spain, XIV. 653.
- CASUENTUS (Basiento), river, Lucania, Italy, XV. 37.
- CASUISTRY, v. 203; Escobar's, VIII. 539; ethics of, VIII. 595; Jesuit teachings on, XIII. 650; as developed in Liguorianism, XIV. 634.
- CASWALL, Henry, American divine, v. 205.
- CAT, v. 205; XV. 434; Egyptian, VII. 712; Manx, XV. 452; Persian, XVIII. 625; skins of, IX. 838.
- CATABAPTISTS, Christian sect, III. 353.
- CATACECAUMENE, plateau, Asia Minor, XV. 99.
- CATACOMBS, v. 206; mural paintings in, XVII. 43.
- CATADIOPTRIC LIGHTS, for lighthouses, XIV. 620.
- CATALAN FORGE, IX. 840; XIII. 290, 335.
- CATALAN GRAND COMPANY, adventurers, IX. 330.
- CATALAN LANGUAGE, XXII. 347.
- CATALAN LITERATURE, XXII. 362.
- CATALEPSY, nervous affection, v. 216.
- CATALOGUES OF BOOKS, III. 659; XIV. 537, 539.
- CATALONIA, province, Spain, v. 217; XXII. 298, 322; counts of, XXII. 311.
- CATALPA, ornamental tree, II. 321.
- CATAMARCA, town, Argentine Republic, v. 217.
- CATAMENIA, XX. 408.
- CATANA (Catania), ancient town, Sicily, v. 218.
- CATANIA, town, Sicily, v. 218; XXII. 31.
- CATANZARO, town, Italy, v. 218; province, IV. 651.
- CATAONIA, table-land, Asia Minor, v. 75.
- CATAPAN, Saracen ruler in Italy, XIII. 468.
- CATAPLEITE, mineral, XVI. 426.
- CATAPULTA, ancient military engine, v. 218.
- CATARACT, disease of the eye, XVII. 782.
- CATARRACTES, river, Asia Minor, XVIII. 206.
- CATARRH, disease, v. 218; XVIII. 377, 403; epidemic, XIII. 73; of the stomach, XXII. 574.
- CATARRHAL PNEUMONIA, XIX. 250.
- CATAWBAS, North-American tribe, v. 219; I. 690.
- CATAWBA WINE, v. 219; XXIV. 611.
- CATBALONGAN, town, Philippine Islands, XVIII. 752.
- CAT-BIRD, XVI. 541.
- CATCH, in music, X. 677; XVII. 82.
- CATCHMENT BASIN, of rivers, XII. 502.
- CATCHWORDS, in MSS., XVIII. 144.
- CATEAU CAMBRÉSIS, town, France, v. 219; treaty of (1559), IX. 559; XIII. 483; XVIII. 744.
- CATECHISM, v. 219; of Church of England, VIII. 379.
- CATECHISMS, as creeds, VI. 564.
- CATECHU, drug and dyestuff, v. 220; III. 617.

- CATECHUMEN, candidate for baptism, v. 220.
- CATEGORIES, in logic and philosophy, v. 221; of Aristotle, II. 514; Gilbert de la Porrée on the, x. 592; Kant on the, XIII. 852; real, in psychology, XX. 79.
- CATENÆ, hermeneutical epitomes, XI. 746.
- CATENARY, or Chain, Equilibrium of, in mechanics, xv. 738; v. 68.
- CATENOID, Stability of the, v. 68.
- CATERPILLAR, larva stage of butterfly, IV. 593; silkworm, XXII. 57; ravages of, in Natal, xvii. 241; destroyed by wasps, XXIV. 393.
- CATESBY, Mark, on birds, xviii. 5.
- , Robert, conspirator in Gunpowder Plot, IX. 57.
- CAT-FISHES, XII. 692; XXII. 68.
- CATGUT, string, v. 226.
- CATHÆANS, tribe, India, XVI. 789.
- CATHARI, mediæval sect, xviii. 354, 434; XX. 321; XXIV. 322.
- CATHARTIDÆ, family of birds, XXIV. 301.
- CATHARUS, genus of birds, XXIII. 322.
- CATHAY, China as known to mediæval Europe, v. 627, 629.
- CATHCART, Sir George, British general, v. 226.
- CATHEDRAL, principal church of a diocese, v. 226; office of dean in, VII. 14.
- MUSIC, English, XXIII. 33.
- CATHERINE, Saints, v. 229.
- , St. of Siena, v. 229; XIII. 505; XXII. 43; stigmatization of, XXII. 549.
- I., empress of Russia, v. 232; XXI. 98.
- II., empress of Russia, v. 233; XXI. 99; her favour for Potemkin, XIX. 598.
- of Aragon, wife of Henry VIII. of England, v. 236; XI. 662; divorce of, VIII. 334.
- of Braganza, wife of Charles II. of England, v. 237; XIX. 548.
- of Valois, wife of Henry V. of England, v. 237.
- , Mount, Sinai, Arabia, XXII. 88.
- HOWARD, wife of Henry VIII. of England, VIII. 337.
- DE' MEDICI, wife of Henry II. of France, v. 235; XI. 670; xv. 787; her influence on France, IX. 556.
- PARR, wife of Henry VIII. of England, VIII. 337.
- WHEEL, in pyrotechny, XX. 136.
- CATHERWOOD, F., on ancient American monuments, II. 450.
- CATHETUS, in architecture, II. 461.
- CATHKIN PEAK, mountain, Cape Colony, v. 41.
- CATHOLIC, designation of the Christian Church, v. 237; xv. 482; first use of the name, v. 9.
- APOSTOLIC CHURCH, v. 237; Henry Drummond's connexion with, VII. 480.
- CATHOLIC CHURCH, Roman, XX. 628.
- CATHOLIC DISABILITIES, in Ireland, XIII. 266, 269.
- CATHOLIC EMANCIPATION, Ireland, XIII. 271; Castlereagh's advocacy of, XIV. 853; O'Connell's contention for, XVII. 721; carried on motion of Sir R. Peel, XVIII. 455; Wellington's part in, XXIV. 498.
- CATHOLIC LEAGUE, in France (1571), IX. 562; XVIII. 745.
- CATHOLIC LEAGUE, in Germany (1608), x. 500.
- CATHOLICS, German, dissentients from Church of Rome, x. 444.
- , Old, religious party, XVII. 754.
- CATHOLIC SOCIALISM, XXII. 215.
- CATILINA, Lucius Sergius, Roman conspirator, v. 238; XX. 764; Sallust's History of his Conspiracy, XXI. 219.
- CATILINE, Jonson's tragedy, XIII. 744.
- CATINAT, Nicolas, French general, IX. 579, 581.
- CAT ISLAND, Bahamas, III. 237.
- CATLIN, George, writer on the American Indians, v. 239.
- CATMANDOO (Khatmandu), capital of Nepal, XIV. 59.
- CATMOSS, valley, Rutland, England, XXI. 114.
- CATO, Addison's tragedy, I. 147, 149.
- , Dionysius, Roman moralist, v. 241.
- , M. Porcius, the Elder, Roman censor, v. 239; in Spain, XXII. 306; as economist, XIX. 350; as historian, XIV. 729; on surgery, XXII. 674; his language, XIV. 332; his place in Roman literature, XX. 717.
- , M. Porcius, Uticensis, v. 240.
- CATOBLEPAS, genus of ruminant mammals, x. 705.
- CATONIUS, Nikolaus, Swedish dramatist, XXII. 754.
- CATOPTRIC ILLUMINATION, of light-houses, XIV. 618.
- CATO STREET CONSPIRACY (1820), London, XXIII. 307.
- CATRAIL, British remains, Scotland, XXI. 34, 638.
- CATRIA, Monte, mountain, Italy, XIII. 437.
- CATS, Jacob, Dutch poet, v. 241; XII. 95.
- CATS-EYE, variety of quartz, XVI. 389.
- CATSKILL MOUNTAINS, United States, v. 242; XVII. 450; XXIII. 793.
- CATSUP, or Ketchup, sauce, XIV. 54.
- CATT, Christopher, London club-house keeper, XIV. 103.
- CATTACK, district, India, v. 242; town, v. 244.
- CATTARO, town, Austria, v. 244.
- CATTEGAT, strait, North Sea, XVII. 563; XXII. 737.
- CATTERMOLE, George, English painter, v. 244.
- CATTI, ancient Germanic people, v. 244.
- CATTIMANDOO, juice-yielding tree, XI. 339.
- CATTLE, v. 244; xv. 432; breeding of, I. 387; diseases of, XVII. 57; XXIV. 204, 205; Podolian, XIII. 451; wild, of Chillingham Park, England, xvii. 566; of Hamilton Park, Scotland, XI. 411.
- FOODS, Adulterations of, I. 174; apparatus for cooking, I. 327.
- PLAGUE, I. 304; v. 589; XVII. 59.
- QUARANTINE, XX. 158.
- SHOWS, their influences, I. 390.
- SPOIL OF COOLY, ancient Irish tale, v. 310.
- CATTOLICA, town, Sicily, v. 247.
- CATULLIACUM (St Denis), ancient town, France, XXI. 161.
- CATULLUS, C. Valerius, Latin poet, v. 247; his language and style, XIV. 334; his place in Roman literature, XX. 721.
- CATULUS, C. Lutatius, Roman general, XX. 747.
- CAUB, Johann Wonnecke von, on birds, XVIII. 3.
- CAUCA, river, Colombia, South America, VI. 153.
- CAUCASIA, government, Russia, v. 251.
- CAUCASIAN GATES, mountain pass, v. 255.
- CAUCASIAN LANGUAGES, XVIII. 780.
- CAUCASIAN RACE, of mankind, II. 113; x. 433.
- CAUCASUS, chain of mountains, v. 251; XXIII. 513.
- CAUCHY, Augustin L., his demonstrations in algebraical equations, I. 515; VIII. 502.
- CAUCUS, convention to select candidates, in United States, XXIII. 764.
- CAUDETE, town, Spain, v. 259.
- CAUDINE FORKS, Italian valley, v. 259; battle of (321 B.C.), XX. 742.
- CAUDLE'S CURTAIN LECTURES, Douglas Jerrold's work, XIII. 633.
- CAULIFLOWER, vegetable, IV. 618; XII. 281.
- CAULKING, of ships, XXI. 820.
- CAURA, territory, Venezuela, XXIV. 140.
- CAURÂLE, bird, XXII. 652.
- CAUSALITY, psychological analysis and origin of the conception, XX. 82; Locke's analysis, XIV. 760; as a logical category, v. 224; XIV. 789; principle of, in theistic argument, XXIII. 248.
- CAUSATION, Divine, theory of, in Arabian philosophy, II. 266; I. 510.
- CAUSERIES DU LUNDI, Sainte-Beuve's, XXI. 164.
- CAUSIDÆ, family of snakes, XXII. 193, 197.
- CAUSSES, limestone plateaus, France, xv. 8, 31.
- CAUSTIC, of light, XIV. 589.
- POTASH, XIX. 589.
- SODA, XXII. 241.
- CAUTERETS, France, mineral water of, XVI. 435; XX. 127.

- CAUTIOUSNESS, in phrenology, XVIII. 845.
- CAUVERY, river, India, XIV. 19; XV. 184; XVII. 123; XXIII. 47.
- CAVA, or La Cava, town, Italy, v. 259; library of, XIV. 530, 548.
- CAVAIGNAC, Louis Eugène, French general, v. 259; I. 568; IX. 622.
- CAVAILLON, town, France, v. 260; XXIV. 114.
- CAVALCANTI, Guido, Italian poet, v. 260; XIII. 502.
- CAVALIER, bird, XIX. 228.
- , Jean, chief of the Camisards, France, v. 260; IV. 744.
- , Memoirs of a, by Defoe, VII. 28.
- CAVALIERI, Bonaventura, on the geometry of indivisibles, XIII. 5.
- , Emilio del, Italian musician, XVII. 85, 86.
- CAVALIERS, or Royalists, in England, VIII. 348.
- CAVALLINI, Pietro, Italian painter, v. 261.
- CAVALLO, town, Turkey, XIV. 18.
- , Tiberius, Italian electrician, v. 261; his electroscope, VIII. 118.
- CAVALRY, v. 261; Austrian, II. 605; British, II. 578; Prussian, II. 596; tactical management of, XXIV. 358; horses for, XII. 191.
- CAVAN, county, Ireland, v. 263; population and representation, XXIII. 727; town, v. 264.
- CAVANILLES, Antonio José, Spanish botanist, v. 265.
- CAVIC, Vetrican, Ragusan dramatist, XXI. 690.
- CAVE, or Cavern, v. 265; X. 271, 320, 369; at Adelsberg, I. 151; in Hungary, XII. 362; Luray, Virginia, U.S.A., XV. 67; Mammoth, in Kentucky, U.S.A., XV. 448.
- , Edward, English publisher and editor, v. 271; XVIII. 537.
- , William, English theologian, v. 271.
- CAVEA, in the amphitheatre, I. 775.
- CAVEAU, Society of the, in France, VI. 141.
- CAVEDONE, Jacopo, Italian painter, v. 271.
- CAVE-DWELLERS, Ancient, II. 336; v. 267; XXIII. 583.
- CAVENDISH, Henry, English chemist and physicist, v. 271; his chemical discoveries, v. 462; his experiments on the density of the earth, II. 793; his electrical experiments, VIII. 8.
- , Thomas, English navigator, v. 272; X. 185.
- , William, first duke of Devonshire, VII. 143.
- , William, first duke of Newcastle, XVII. 380.
- , Sir William, English courtier, v. 273.
- EXPERIMENT, II. 793; v. 272.
- CAVERN, or Cave, (*q.v.*), v. 265.
- CAVES, v. 265; bone, with fossil remains, X. 320. See Cave.
- CAVIARE, preserved roe of sturgeon, XXII. 612.
- CAVICORNIA, hollow-horned ruminant mammals, II. 100. Compare XV. 431.
- CAVIL, F., English swimmer, XXII. 771.
- CAVITE, town, Philippine Islands, v. 273; XV. 487.
- CAVOLINI, Filippo, Italian naturalist, XXIV. 806.
- CAVOLINIA, genus of Mollusca, XVI. 666.
- CAVORE, or Cavour, town, Italy, v. 273.
- CAVOUR, Count, Italian statesman, v. 273; XIII. 487, 489.
- CAVY, rodent mammal, v. 277; XV. 421.
- CAWDOR CASTLE, Nairn, Scotland, XVII. 167.
- CAWNPUR, or Cawnpore, district and town, India, v. 277; massacre at town (1857), XII. 810.
- CAWOOD CASTLE, Yorkshire, England, XXIV. 749.
- CAXAMARCA, town, Peru, v. 279; XVIII. 675.
- CAXATAMBO, town, Peru, v. 279.
- CAXTON, spa, Canada, XVI. 436.
- , William, first English printer, v. 279; XXIII. 694; books printed by, VIII. 413; English language in his time, VIII. 398.
- CAXTONS, The, Lytton's novel, XV. 123.
- CAYAMBI, mountain, Ecuador, VII. 644.
- CAYENNE, town, French Guiana, v. 280; XI. 254.
- PEPPER, v. 280.
- CAYEUX, district, Somme, France, XXII. 261.
- CAYLEY, Arthur, English mathematician, I. 516; on geometrical measurement, XV. 665.
- , Sir George, his air-engine, I. 428; his flying model, IX. 320.
- CAYLUS, Comte de, French artist and writer, v. 281; his encaustic process, VIII. 186.
- CAYMAN, South-American alligator, VI. 594.
- CAYMANAS, islands, West Indies, XIII. 548.
- CAYOR, kingdom and lake, Senegal, Africa, XXI. 660.
- CAYSTER, river, Asia Minor, II. 708.
- CAYUGA, lake, New York, U.S.A., XVII. 451.
- CAZALLA DE LA SIERRA, town, Spain, v. 281.
- CAZEMBE, chief and his territory, Africa, v. 281.
- CAZLONA, mining village, Spain, XIV. 653.
- CAZORLA, town, Spain, v. 281.
- CAZOTTE, Jacques, French writer, v. 281.
- CEADWALLA, British king, XVII. 569.
- CEARÁ, town, Brazil, v. 282.
- CEAWLIN, early English king, VIII. 271.
- CEBES, of Thebes, Greek philosopher, v. 282.
- CEBIDÆ, family of apes, II. 152; XV. 444.
- CEBU, island, Philippines, v. 282; XVIII. 752; town, v. 282; XVIII. 750, 752.
- CEBUS, genus of apes, II. 153.
- CECCHI, Giovan Maria, Italian writer, XIII. 510.
- CECCO D'ASCOLI, Francesco degli Stabili, Italian encyclopædist and poet, v. 282.
- CECH, Svatopluk, Bohemian poet, XXII. 152.
- CECIDOMYIA, genus of insects, XI. 781; XXIV. 535.
- CECIL, Robert, earl of Salisbury, lord high treasurer of England, v. 282.
- , William, Lord Burghley, minister of Queen Elizabeth, v. 283.
- CECILIA, St, v. 284.
- , Madame D'Arblay's story, VI. 822.
- METELLA, Tomb of, at Rome, II. 419.
- CECROPS, king of Attica, v. 285.
- CEDAR, tree, v. 285; culture of, II. 319; of Lebanon, XIV. 392; red, or American, XIII. 774; white, in United States, XXIII. 809; wood of, for carving, XXIV. 645.
- CEDAR-BIRD, XXIV. 461.
- CEDASPE, Pablo de (Cespedes), Spanish painter and poet, v. 357.
- CEDERBORGH, Frederik, Swedish novelist, XXII. 757.
- CEDO FEITA, chapel at Oporto, XVII. 795.
- CEDRON, brook, Jerusalem, XIII. 636.
- CEELY, Robert, his experiments in vaccination, XXIV. 24.
- CEFALONIA (Cephalonia), island, Greece, v. 343; XIII. 205.
- CEFALU, town, Sicily, v. 286.
- CEHEGIN, town, Spain, v. 286.
- CEILING, in architecture, II. 462; IV. 454.
- CELADONITE, mineral, XVI. 415.
- CÉLADON WARE, pottery, XIX. 622.
- CELAPOVSKY, Franz L., Bohemian poet, XXII. 152.
- CÉLAN, fish, XIX. 90.
- CELANDINE, plant, XX. 273.
- CELANO, town and lake, Italy, v. 286; XIII. 440.
- CELEBES, island, Indian Archipelago, v. 287; II. 687; birds of, III. 739.
- CELER, Quintus Cæcilius Metellus, Roman general, XVI. 106.
- CÉLÉREN (Célan), fish, XIX. 90.
- CELERICAC, vegetable, XII. 281.
- CELERY, vegetable, v. 290; XII. 281.
- CELESTINA, musical instrument, XIX. 72.
- , La, F. de Rojas's novel, XXII. 356.
- CELESTINE, mineral, XVI. 400.
- I., pope, v. 291; XIX. 491.
- II.-IV., popes, v. 291.
- V., pope, v. 291; XIX. 501.

- CELESTINES, order of monks, v. 291.
- CELETNUM (Kastoria), ancient town, Macedonia, XIV. 14.
- CELIBACY, v. 292; in early Church of England, VIII. 371.
- CELL, in biology, XII. 5; III. 682; evolution from the, VIII. 746; in human anatomy, I. 843; vegetable, XII. 10, 12; IV. 83; XIX. 44; XX. 425, 427; of spermatozoa, XX. 411; of Fungi, IX. 827; in Protozoa, XIX. 832; of sponges, XXII. 420. See also Cell Theory below.
- , in architecture, II. 462.
- , in honeycomb, III. 490.
- , Monastic, I. 10, 22.
- CELLE, town, Prussia, XXIV. 775.
- CELLINI, Benvenuto, Italian sculptor and metal-worker, v. 294; XIX. 183; XXI. 569.
- CELL THEORY, in biology, XXI. 460; XXIV. 816; in relation to protoplasm, XIX. 828; to embryology, XXIV. 810; to morphology, XVI. 840; to physiology, XIX. 11.
- CELLULOID, substitute for ivory, XIII. 524.
- CELSIUS, Anders, Swedish astronomer, v. 294; his thermometric scale, XXIII. 289.
- , Olaf, Swedish theologian, XIV. 672.
- CELSUS, anti-Christian writer, v. 295; XIII. 658; Origen's answer to, XVII. 841.
- , A. Cornelius, Roman writer on medicine, XV. 803; on anatomy, I. 802; on surgery, XXII. 674.
- CELTIBERI, early Spanish tribes, XII. 604; XXII. 305.
- CELTIBERIA, ancient division of Spain, v. 297.
- CELTIC ACADEMY, at Paris, I. 77.
- CELTIC CHURCH, in Scotland, XXI. 475, 481.
- CELTIC LANGUAGES, XVIII. 785; dictionaries of, VII. 188; Gaelic, X. 6.
- CELTIC LITERATURE, v. 297; XX. 642; Gaelic, X. 7.
- CELTIC MONKS, XVI. 706.
- CELTIS, genus of trees, XI. 360; XVII. 360.
- CELTs, Race, language, and literature of the, v. 297; X. 6; XXI. 473, 480; their tribal system, v. 799; their attacks on Rome, XX. 740, 743; of Britain, VIII. 263; in central England, XXI. 739; their first appearance in Ireland, XIII. 244.
- CEMENTATION PROCESS, in steel-making, XIII. 339.
- CEMENTS, v. 328; natural and artificial, IV. 458, 459; hydraulic, XIV. 647; Keene's, XI. 351; Parian, XI. 351; Roman, XX. 808.
- CEMENT STONES, nodules of clay iron-stone, XIII. 287.
- CEMETERY, CEMETERIES, v. 328; English law in relation to, IV. 537; at Paris, XVIII. 284; in ancient Rome, v. 208.
- CENCI, Beatrice, parricide, v. 332.
- , Francesco, father of Beatrice Cenci, v. 332.
- , Giovanni, captain of the people, Rome, XX. 802.
- , The, Shelley's drama, XXI. 793.
- CENDAL, silk stuff, XXIII. 210.
- CENEDA, district, Italy, v. 333.
- CENIS, Mont, Cottian Alps, pass across, I. 624; tunnel through, XXIII. 624.
- CENNICK, John, English hymn-writer, XII. 594.
- CENOMANI, Gallic tribe, Italy, XIII. 446.
- CENSOR, Roman magistrate, v. 334; XX. 738.
- CENSORSHIP, of books, IV. 39; of the press, XIX. 710.
- CENSUS, enumeration of people, v. 334; of United States, XXIII. 818.
- , register, in Roman law, XX. 676.
- CENTAURS, in Greek mythology, v. 340; XIV. 300; XXIII. 295.
- CENTETIDÆ, family of insectivorous mammals, XV. 404.
- CENTIGRADE THERMOMETRIC SCALE, XXIII. 289.
- CENTILOGIUM THEOLOGICUM, Occam's work, XVII. 718.
- CENTIMETRE - GRAMME - SECOND (C.G.S.) SYSTEM, of measurement, XV. 668.
- CENTIPEDES, insects, v. 340; XVII. 115.
- CENTLIVRE, Susanna, British dramatist, v. 341.
- CENT NOUVELLES NOUVELLES, early French tales, IX. 649.
- CENTO, composition made up of extracts, v. 341.
- , town, Italy, v. 341.
- NOVELLE ANTICHE, Italian stories, XIII. 501.
- CENTORBI, town, Sicily, v. 341.
- CENTRAL AMERICA, v. 341; birds of, III. 748; climate, I. 681; ancient civilization in, XVI. 213; ancient monuments in, II. 450; XXIV. 758.
- CENTRAL INDIA POLITICAL AGENCY, v. 341.
- CENTRAL PARK, New York city, XVII. 466.
- CENTRAL PROVINCES, India, v. 342.
- CENTRE OF GRAVITY, in mechanics, XI. 69; XV. 729.
- CENTRE OF MASS, in mechanics, XV. 699.
- CENTRIFUGAL FORCE, in mechanics, XV. 682.
- CENTRIPETAL FORCE, in mechanics, XV. 682.
- CENTROLITE, mineral, XVI. 411.
- CENTROPHORUS, genus of sharks, XXI. 778.
- CENTUMVIRAL COURT, in Roman law, XX. 678.
- CENTUMVIRI, Roman judges, v. 343.
- CENTURIA, in the Roman army, XX. 735.
- CENTURION, Roman military officer, v. 343.
- CENTURIPÉ (Centorbi), town, Sicily, v. 341.
- CEOLFRID, abbot of Jarrow, England, III. 481.
- CEOLWULF, king of Northumbria, England, XVII. 570.
- CEORL, Saxon freeman, VIII. 274; XVIII. 302.
- CEOS, island, Greece, v. 343.
- CEPEDA, Teresa de (St Theresa), Spanish saint, XXIII. 281.
- CEPHELEIS IPECACUANHA, species of plants, XIII. 210.
- CEPHALAS, Constantinus, compiler of Greek Anthology, II. 103.
- CEPHALLENIA (Cephalonia), island, Greece, v. 343; XIII. 205; coins of, XVII. 643.
- CEPHALOBANCHS, group of Annelida, II. 66.
- CEPHALOCHORDA, branch of Vertebrata, XXIV. 184, 812.
- CEPHALODISCUS, genus of Polyzoa, XIX. 434, 435.
- CEPHALONIA, island, Greece, v. 343; XIII. 205.
- CEPHALOPODA, class of Mollusca, VI. 735; XVI. 664; skeletal structure of, XXII. 106; parasites of, XVIII. 259; in Lankester's classification, XXIV. 813.
- CEPHALOTES, genus of bats, XV. 410.
- CEPHALOTHRIX, genus of nemertine worms, XVII. 326.
- CEPHALOTUS FOLLICULARIS, insectivorous plant, XIII. 139.
- CEPHALUS, of Greek mythology, XXIII. 413.
- , father of the orator Lysias, XV. 117.
- CEPHAS (Simon Peter), the apostle, XVIII. 693.
- CEPHISODOTUS, Athenian sculptor, II. 365.
- CEPHISSUS, river, Greece, III. 60; XI. 82.
- CEPHUS PYGMÆUS, wheat pest, XXIV. 536.
- CERAM, island, Indian Archipelago, v. 344.
- CERAMICUS, part of ancient Athens, III. 2.
- CERAMIC WARE, or Pottery, XIX. 600; in Italy, XIII. 454; Japanese, XIII. 590.
- CERARGYRITE, mineral, XVI. 384.
- CERASUS, genus of plants, XIV. 348.
- , town, Asia Minor, XIX. 459.
- CERATODUS, genus of fishes, XIV. 468.

- CERATONIA, genus of trees, XIV. 767.
 CERATONOTA, suborder of Mollusca, XVI. 656.
 CERATOSA, order of sponges, XXII. 423.
 CERBALL, king of Ossory, Ireland, XIII. 252.
 CERBERUS, in Greek mythology, v. 345.
 CERCAMON, Provençal poet, XIX. 874.
 CERCIS, genus of trees, XIII. 761.
 CERCOPITHECUS, genus of apes, II. 151. See also XV. 444.
 CERCOSPORA VITIS, vine-fungus, XXIV. 240.
 CERDAGNE, district, Roussillon, France, XXI. 28.
 CERDO, Syrian Gnostic v. 345; XV. 534.
 CERDONIANS, Gnostic sect, v. 345.
 CEREALIN, in chemistry, III. 254.
 CEREBELLUM, XIX. 38; anatomy of, I. 871.
 CEREBRATION, Unconscious, XXII. 406.
 CEREBRATULUS, genus of nemertine worms, XVII. 326.
 CEREBRUM, XIX. 38; anatomy of, I. 872.
 CEREDO, Torre de, mountain, Spain, XXII. 294.
 CERES, in Roman mythology (the Greek Demeter), v. 345; XIV. 508; mysteries in honour of, VIII. 126.
 —, asteroid, II. 806.
 CERESIN, mineral wax, XVIII. 113.
 CERESIO, Lago (Lake of Lugano), Switzerland and Italy, xv. 60.
 CÉRET, town, France, XX. 128.
 CEREUS, group of Cactaceæ, IV. 625.
 CERIGNOLA, town, Italy, v. 345.
 CERIGO, island, Greece, v. 346; XIII. 205.
 CERIGOTTO, island, Greece, v. 346.
 CERINE, mineral, XVI. 409, 410.
 CERINTHUS, early heretic, v. 346; X. 702.
 —, in Tibullus's poems, XXIII. 349.
 CERISOLLES, Italy, Battle of (1544), IX. 557.
 CERITE, mineral, XVI. 410; XIV. 291.
 CERIUM, chemical element, v. 542; XIV. 291; spectrum of, XXII. 376.
 CEROXYLON, genus of palms, XVIII. 191.
 CERRETO, town, Italy, v. 347.
 CERRO DE PASCO, town, Peru, v. 347; XVIII. 675.
 CERRO HERMOSO, mountain, Ecuador, VII. 645.
 CERTALDO, town, Italy, v. 347.
 CERTHIA, genus of birds, XXIII. 534.
 CERTHILAUDA, genus of birds, XIV. 315.
 CERTHIOLA, genus of birds, XXII. 628.
 CERTIORARI, in law, XXIV. 696.
 CERTOSA, Carthusian monastery, I. 20; v. 163; of Pavia, XVIII. 438; XXI. 569; XXIII. 194.
 CERUSITE, or Cerussite, lead ore, XIV. 375; XVI. 398.
 CERVANTES-SAAVEDRA, Miguel de, author of Don Quixote, v. 347; XXII. 356; birthplace of, I. 458; his influence on Spanish drama, VII. 420; as pastoral poet, XVIII. 346; as satirist, XXI. 319; his praise of Amadis of Gaul, I. 650.
 CERVANTITE, mineral, XVI. 388.
 CERVELA, musical instrument, XVII. 705.
 CERVETRI, town, Italy, IV. 632; Etruscan tombs at, II. 414; v. 216.
 CERVIA, town, Italy, v. 356.
 CERVIDÆ, family of ungulate mammals, VII. 23; XV. 432.
 CERVINI, Marcellus (Pope Marcellus II.), XV. 533.
 CERVULUS, genus of deer, XVII. 32.
 CERYLE, genus of birds, XIV. 82.
 CESALPINO, Andrea, Italian naturalist, IV. 633; XXIV. 95. See *Cæsalpinus*.
 CESAREWICH, Russian title, XIX. 738.
 CESARI, Antonio, Italian writer, XIII. 514.
 —, Giuseppe, Italian painter, v. 356.
 CESAROTTI Melchiorre, Italian poet, v. 356.
 CESENA, town, Italy, v. 357.
 CESI, Federigo, Italian natural philosopher, I. 70.
 CESPEDES, Andres Garcia de, Spanish geographer, XVII. 253.
 —, Pablo de, Spanish painter and poet, v. 357.
 CESS, origin of the term, v. 334.
 CESSPOOLS, IV. 468.
 CESTODA, group of worms, XXIII. 49; their relation to Trematoda, XXIII. 540; parasitic forms, XVIII. 259; XXIV. 205.
 CESTOIDEA, in Lankester's classification, XXIV. 813.
 CESTOIDS, parasitic forms, XVIII. 259; XXIV. 205.
 CESTONA, Spain, mineral water of, XVI. 434.
 CESTRACION, genus of sharks, XXI. 775.
 CESTRUS, river, Asia Minor, II. 708; XIX. 130.
 CESTUI QUE TRUST, in law, XXIII. 597.
 CETACEA, order of Mammalia, v. 357; xv. 391; XXIV. 523; skeleton of, XXII. 108; mammary glands of, XVI. 302; olfactory organs of, XXII. 167; sense of touch in, XXIII. 479; distribution of, VII. 280, 346.
 CETINA, Gutierre de, Spanish soldier and poet, v. 357.
 CETSHWAYO, or Cetywayo, king of the Zulus, XVII. 242; XXIV. 829.
 CETTE, town, France, v. 358.
 CETTI, F., Italian naturalist, on birds, XVIII. 9.
 CETTINJE, or Cettinye, town, Montenegro, v. 358; XVI. 780.
 CETYWAYO, king of the Zulus, XVII. 242; XXIV. 829.
 CEUTA, town, Morocco, v. 358; XVI. 830.
 CEVA, town, Italy, v. 358.
 CÉVENNES, mountains, France, v. 358; IX. 506; Camisards of the, IV. 743.
 CEYLON, v. 359; II. 685; birds of, III. 763; XVIII. 16; cinnamon production, v. 785; forests, IX. 405; Pali language, XVIII. 183; Paumben ship-canal, IV. 792; pearl fisheries, XVIII. 446; railways, XX. 252; ruby mines, XXI. 48; Veddahs (primitive people), XXIV. 120; weights and measures, XXIV. 490.
 CEYX, genus of birds, XIV. 82.
 C.G.S. (Centimetre - Gramme - Second), system of measurement, xv. 668.
 CHABASITE, mineral, XVI. 421.
 CHABLIS, town, France, v. 370.
 —, wine, XXIV. 606.
 CHABORAS (Khabar), river, Mesopotamia, XVI. 47.
 CHABOT, Gui, Baron de Jarnac, XIII. 593.
 CHABRIAS, Athenian general, v. 370; XVIII. 579.
 CHAD, or Tchad (*q.v.*), Lake, Soudan, Africa, I. 255; XXII. 277.
 — BASIN, Negroes of the, XVII. 319.
 CHADERTON, Laurence, English Puritan divine, v. 371.
 CHÆREAS AND CALLIRRHOE, Greek romance, XX. 636.
 CHERONEIA, or Chæroneia, ancient town, Greece, v. 371; battle of (338 B.C.), I. 281, 480; xv. 139.
 CHÆTODERMA, order of Mollusca, XVI. 641.
 CHÆTOGNATHA, group of marine worms, XXI. 148; II. 52.
 CHÆTOMYS, genus of rodent mammals, XIX. 519.
 CHÆTOPODA, group of worms, XXIV. 677; XVI. 652; spermatozoa of, XX. 411; parasites of, XVIII. 259; in Lankester's classification, XXIV. 813.
 CHÆTURA, genus of birds, XXII. 760.
 CHAFF-CUTTER, agricultural implement, I. 326.
 CHAFFINCH, bird, v. 371.
 CHAGHANSERAI, in Kafiristan, Afghanistan, XIII. 820.
 CHAGOS, islands, Indian Ocean, xv. 642.
 CHAGRES, town, Panama, v. 371.
 CHAIBASA, town, India, XXII. 94.
 CHAIN, Kinetics of a, xv. 741; statics of, xv. 738.
 — BALANCE, III. 261.
 — CABLE, IV. 621; II. 4; XXI. 597.
 — ISLAND, South Pacific, XXIII. 602.
 CHAIRS, furniture, IX. 849.
 —, Railway, XX. 241.
 CHAJA, or Chaka, bird, XXI. 552.
 XXV. — 12

- CHAJ DOAB, district, Punjab, India, XX. 107.
- CHAKA, bird, XXI. 552.
- CHAKHANSUR, district, Sistan, Persia, XXII. 100.
- CHAKHARS, Mongol tribe, XVI. 743.
- CHAKIR BEG, Seljuk ruler, XXI. 634.
- CHAKRATA, military station, India, VII. 33.
- CHALA, town, Peru, XVIII. 674.
- CHALAMARI, town, India, v. 625.
- CHALAN, lake, India, XX. 261.
- CHALARTHORACA, order of Protozoa, XIX. 845.
- CHALCANTHITE, mineral, XVI. 401.
- CHALCEDON, ancient town, Asia Minor, v. 371; council of (451), II. 548; XIII. 796; decrees of, XI. 155.
- CHALCEDONY, or Calcedony, mineral, I. 277; XVI. 389; XVII. 776; XXI. 310.
- CHALCIDENE, Coins of, XVII. 649.
- CHALCIDIAN ALPHABET, I. 610.
- CHALCIDICE, district, Macedonia, XV. 137.
- CHALCIS, town, Eubœa, Greece, VIII. 649.
- CHALCOCITE, copper ore, VI. 347.
- CHALCOCONDYLES, Laonicus, Byzantine historian, IV. 614.
- CHALCOLITE, mineral, XVI. 407.
- CHALCOMENITE, mineral, XVI. 396.
- CHALCOPHANITE, mineral, XVI. 388.
- CHALCOPSITTACUS, genus of birds, XV. 7.
- CHALCOPYRITE, mineral, VI. 347; XVI. 393.
- CHALCOSIDERITE, mineral, XVI. 406.
- CHALCUAPA, town, San Salvador, Central America, XXI. 268.
- CHALDEA, or Chaldea, ancient country, Asia, III. 184; architectural remains of, II. 398.
- CHALDEANS, Astronomy of the, II. 744; zodiac of, XXIV. 791; their invasion of Judah, XIII. 416; their contests with the Phœnicians, XVIII. 808.
- , in the Roman Catholic Church, XX. 631.
- , Patriarch of the (Nestorian patriarch), XVII. 358.
- CHALDEE LANGUAGE, XXI. 647; II. 307; XI. 596; dictionaries of, VII. 189.
- CHALDIRAN, Asia Minor, Battle of (1514), XXIII. 643.
- CHALDON, Surrey, England, mural decorations of church, XVII. 46.
- CHALEUR, Bay of, New Brunswick, XVII. 373.
- CHALICE, sacramental cup, XIX. 185.
- CHALICOTHERIIDÆ, fossil ungulate mammals, XV. 429.
- CHALK, v. 372; X. 358; as fertilizer, I. 351.
- CHALLENGER EXPEDITION (1872), III. 24; XVIII. 115; XXIII. 311.
- CHALLES, Savoy, France, mineral water of, XVI. 435; XXI. 332.
- CHALLIS, James, on attraction, III. 64.
- CHALLONER, Richard, English Roman Catholic bishop, v. 372.
- CHALMERS, Alexander, English writer, v. 373.
- , George, Scottish historiographer and antiquary, v. 373.
- , James, inventor of adhesive postage stamp, XIX. 585.
- , Thomas, Scottish divine, v. 374; his influence in the Scottish Church, XXI. 538.
- CHALONER, Sir Thomas, English statesman and poet, v. 378.
- CHALONITIS, Parthian kingdom, XVIII. 592.
- CHALONNAIS, district, France, XXI. 301.
- CHÂLONS-SUR-MARNE, town, France, v. 378; battle of (451), III. 62; XX. 781.
- CHÂLON-SUR-SAÔNE, town, France, v. 378; XXI. 302.
- CHALOSSE, La, district, Landes, France, XIV. 272.
- CHALOTAIS, Louis René de Caradeuc de la, French politician, XIV. 191.
- CHALUKYAS, dynasty, Mysore, India, XVII. 123.
- CHALUMEAU, or Shawm, musical instrument, XVII. 707.
- CHALUS, town, France, XXIV. 223.
- CHALYBÄUS, Heinrich Moritz, German philosopher, v. 379.
- CHALYBEATE WATERS, x. 270; XIII. 360; XVI. 434.
- CHALYBITE, mineral, x. 228; XVI. 397.
- CHAMÆLEON, genus of lizards, v. 381; XIV. 734, 737; skull of, XX. 451.
- CHAMÆROPS, genus of palms, XVIII. 189.
- CHAMALHARI, mountain, Himalayas, XXII. 51.
- CHAMARS, race of people, India, III. 671; XV. 303.
- CHAMBA, state, India, v. 379.
- CHAMBAL, river, India, XVII. 572; XX. 260.
- CHAMBERLAIN, v. 379.
- , Lord, of the royal household, England, XXI. 37.
- , Lord Great, XXII. 459.
- CHAMBERLAINE, Frances (Mrs Sheridan), English novelist, XXI. 796.
- CHAMBERLAIN LAKE, Maine, U.S.A., XV. 298.
- CHAMBER MUSIC, XVII. 88.
- CHAMBERS, Ephraim, English encyclopædist, v. 380; his Cyclopædia, VIII. 196.
- , George, English painter, v. 380.
- , Robert, English writer and publisher, v. 380.
- , Sir William, English architect, II. 444.
- CHAMBERSBURG, town, Pennsylvania, U.S.A., v. 381.
- CHAMBERS OF RHETORIC, Dutch, XII. 91.
- CHAMBERS'S CYCLOPÆDIA (1728), VIII. 196.
- CHAMBERS'S ENCYCLOPÆDIA (1860-68), VIII. 204.
- CHAMBERS'S JOURNAL, v. 380.
- CHAMBÉRY, town, France, v. 381; XXI. 332.
- CHAMBESI, tributary of the Congo, Africa, XXIV. 763.
- CHAMBORD, chateau, Loire-et-Cher, France, v. 381.
- , Henry, count of, French Legitimist, IX. 620.
- CHAMELEON, kind of lizard, v. 381; XIV. 734, 737; skull of, XX. 451; Aristotle on, XX. 432.
- CHAMFER, in architecture, II. 462.
- CHAMFORT, Nicolas, French wit and writer, v. 382; XI. 670.
- CHAMISSE, Adalbert von, German writer, v. 383; X. 542.
- CHAMOIS, kind of antelope, v. 384: I. 633; II. 102; XV. 432.
- CHAMOISITE, mineral, XVI. 415.
- CHAMOMILE, or Camomile, plant, XII. 289; flowers, v. 384.
- CHAMOND, St, archbishop of Lyons, XXI. 159.
- CHAMOUNI, or Chamonix, village and valley, Savoy, v. 385.
- CHAMPAGNE, province, France, v. 385.
- , wine, XXIV. 603, 605; adulteration of, I. 173.
- , Philippe de, Flemish painter, v. 386.
- CHAMPAGNE - POUILLEUSE, district, France, XV. 561.
- CHAMPAGNOLE, town, Switzerland, XIII. 782.
- CHAMPARAN, district, India, v. 386.
- CHAMPAUBERT, France, Battle of (1814), XVII. 221.
- CHAMPEAUX, William of, scholastic philosopher, v. 386; III. 602.
- CHAMPFER, in architecture, II. 462.
- CHAMPFLEURY (Jules Fleury), French writer, IX. 679.
- CHAMPIER, Symphorien, French physician, XV. 808.
- CHAMPIGNON, fungus, XVII. 76.
- CHAMPION, in judicial combat, XVII. 820.
- , Richard, English potter, XIX. 642.
- CHAMPIONS, squatters, XIV. 264.
- CHAMPLAIN, Lake, New York and Vermont, U.S.A., v. 387; XVII. 451; XXIV. 166.
- , Samuel de, French explorer and governor of Canada, v. 387; X. 187; XVI. 795; XVII. 454; founder of Quebec, XX. 167.
- DEPOSITS, in geology, X. 370.
- CHAMP-LEVÉ, enamelling process, VIII. 184; XIII. 679; Japanese work, XIII. 591.

- CHAMPMESLÉ, Mademoiselle de, French actress, XX. 206.
- CHAMPOLLION, Jean François, French Egyptologist, v. 387.
- CHAMPOLLION-FIGEAC, Jean Jacques, French scholar, v. 387.
- CHANCAS, people of Peru, XVIII. 676.
- CHANCE, Mathematical theory of, XIX. 768.
- CHANCEL, in architecture, II. 462.
- CHANCELLOR, v. 387.
- , Lord High, of England, XXII. 458; list of lord chancellors, VIII. 368.
- , Richard, English explorer, X. 183; XIX. 316; XXI. 92.
- OF THE EXCHEQUER, England, VIII. 797; XVI. 474.
- CHANCELLORS, Lives of the, Campbell's work, IV. 759.
- CHANCELLORSVILLE, U.S.A., Battle of (1863), XXIII. 778.
- CHANCERY, Court of, England, v. 389; bill in, III. 674; guardianship of infants by, XIII. 2; records of, XX. 311.
- CHANCES, Mathematical theory of, XIX. 768; Demoivre's treatise on, VII. 60.
- CHANCE'S GLASSES, optical, XVII. 801.
- CHANCHAN, Peru, cyclopean wall at, II. 452.
- CHANCROID, disease, XXII. 686.
- CHANCTONBURY RING, hill, Sussex, England, XXII. 723.
- CHANDA, district and town, India, v. 390.
- CHANDARNAGAR, or Chundernagore, French settlement, India, v. 391.
- CHAND BARDAI, Hindi writer, v. 758; XI. 841, 843.
- CHANDIEU, Antoine, leader of French Presbyterians, XIX. 693.
- CHANDLER, Richard, British antiquary, v. 391.
- , Samuel, English Presbyterian divine, v. 391.
- CHANDRA-BARDAI, or Chand, Hindi writer, v. 758; XI. 841, 843.
- CHANDRA GUPTA, Hindu king, XII. 787.
- CHANDRAKONA, town, India, XVI. 284.
- CHANG BHAKAR, state, India, v. 769.
- CHANG-CHOW, town, China, v. 391, 673.
- CHANGHWA, town, Formosa, China, IX. 417.
- CHANG-KEA-KOW, town, China, XIII. 828.
- CHANG-LAM, road, Tibet, XXIII. 342.
- CHANGOS, Peruvian tribe, XVIII. 676.
- CHANG PIH SHAN, mountains, Manchuria, XV. 465.
- CHANG-SHA FOO, town, China, v. 637.
- CHANG-TANG, mountain region, Tibet, XXIII. 339, 341.
- CHANGWE, province, Uganda, Africa, XXIII. 717.
- CHANNEL ISLANDS, England, v. 391; population, XXIII. 727; newspapers, XVII. 422; Alderney, I. 473; Guernsey, XI. 247; Jersey, XIII. 634.
- CHANNING, William Ellery, American theological writer, v. 393; I. 728; his influence on Unitarianism, XXIII. 726.
- CHANSON DE ROLAND, early French poem, IX. 637; XX. 626.
- CHANSONS, early French poems, IX. 638.
- , in music, XVII. 84.
- DE GESTE, narrative poems, IX. 637; XIX. 875; XX. 642.
- CHANT, Plain, in music, XIX. 168.
- CHANTABURI, town, Siam, XXI. 852.
- CHANTAL, Baron de, father of Madame de Sévigné, XXI. 703.
- , Madame de, Sainte de Monthélon, IX. 696.
- CHANTELOUP, Count of (J. A. Chaptal), French chemist and statesman, v. 397; I. 647.
- CHANTIBAN, town, Siam, v. 395.
- CHANTILLY, town, France, v. 395.
- CHANTREY, Sir Francis, English sculptor, v. 395; XXI. 561.
- CHANTRY, in architecture, II. 462.
- CHAO, island, Peru, XVIII. 671.
- , Santiago de, town, Peru, XVIII. 674.
- CHAONES, ancient Greek tribe, VIII. 483.
- CHAPALA, Lake, Mexico, XVI. 216.
- CHAPAPOTE, Mexican asphalt, II. 715.
- CHAP-BOOKS, XVIII. 204.
- CHAPEL, in architecture, II. 462.
- CHAPELAIN, Jean, French poet, v. 396; IX. 657; XI. 204.
- CHAPEL-HILL, town, North Carolina, U.S.A., v. 396.
- CHAPELLE DE FER, helmet, XI. 637.
- CHAPLAINS, in British army, II. 584.
- CHAPLET, Devotional, XX. 848.
- CHAPLIN'S APPARATUS, for distilling sea-water, VII. 264.
- CHAPMAN, George, English poet and dramatist, v. 396; VII. 432.
- CHAPOO, or Chapu, town, China, v. 398.
- CHAPPARAL-COCK, American bird, VI. 687.
- CHAPPE, Claude, French engineer, v. 397.
- CHAPPELL, William, Milton's tutor, XVI. 324.
- CHAPTAL, Jean Antoine, French chemist and statesman, v. 397; his methods of extracting alum from clay, I. 647.
- CHAPTER, of a cathedral, v. 398, 228; VII. 14.
- HOUSE, in architecture, II. 462.
- CHAPU, town, China, v. 398.
- CHARACENE, kingdom, Mesopotamia, XVI. 51; XVIII. 590.
- CHARACTER, physiognomic expression of, XIX. 3.
- CHARACTERISTICS, Shaftesbury's work, VIII. 427; XXI. 732.
- CHARACTERIZATION, Dramatic, VII. 394.
- CHARADE, v. 398.
- CHARADRIUS, genus of birds, XIV. 76; XIX. 227.
- CHARA PUNJI, station, India, XIV. 58.
- CHARAS, hemp-resin, XI. 648.
- CHARAXUS, brother of Sappho, XXI. 303.
- CHARBON, disease of the lemon tree, XIV. 437.
- , woolsorter's disease, XXIV. 663.
- CHARBONNIÈRE, spa, France, XX. 529.
- CHARCOAL, v. 398; its use for the blow-pipe, III. 837; in filtration, IX. 167; as an ingredient of gunpowder, XI. 319, 323; in iron-smelting, XIII. 292, 317.
- FINERY, for cast-iron, XIII. 319.
- CHARD, town, England, v. 399; XXII. 258.
- , vegetable, XII. 280.
- CHAR-DAGH, mountain, Turkey, III. 282.
- CHARDIN, Sir John, traveller, v. 400.
- CHARENTE, department, France, v. 400.
- , wine, XXIV. 606.
- CHARENTE-INFÉRIEURE, department, France, v. 400.
- CHARENTON-LE-PONT, town, France, v. 400.
- CHARES of Lindus, Greek sculptor, VI. 166; XX. 526.
- CHARGÉ D' AFFAIRES, I. 657; XIII. 193.
- CHARGER, war-horse, XII. 191.
- CHARIKAR, town, Afghanistan, I. 230.
- CHARIOT, v. 401; racing, in ancient games, X. 64.
- CHARIS, in Greek mythology, XI. 26.
- CHARISMATA, in the early church, XIX. 675.
- CHARITES, The, in Greek mythology, XI. 26.
- CHARITIES, English, v. 401.
- CHARITON, of Aphrodisias, Greek romancist, v. 402; XX. 636.
- CHARIVARI, Le, French comic journal, v. 105.
- CHARLCOTE PARK, Warwickshire, England, XXI. 738, 753.
- CHARLEMAGNE (Charles the Great), emperor, v. 402; IX. 531; X. 478; coronation of, VI. 429; the empire he created, XX. 382; academy he founded, I. 69; his friendship for Aleuin, I. 472; his influence in England, VIII. 282; his conquests in Italy, XIII. 468; XIV. 816; XX. 786; MSS. of his time, XVIII. 160; treaty with Nicephorus I., XVII. 481; popehood in his time, XIX. 495; his subjugation of the Saxons, XXI. 351; his expedition to Spain, XX. 626, 778; XXII. 310; his tomb, I. 432.
- , Jean Armand, French dramatist, v. 404.
- AND HIS TWELVE PEERS, romances, XX. 649.

- CHARLEMONT, citadel of Givet, France, X. 626.
- CHARLEROI, town, Belgium, v. 404.
- CHARLES I., the Great, or Charlemagne (*q.v.*), emperor, v. 402.
- II., the Bald, emperor (I. of France), v. 409; IX. 534; X. 480.
- III., the Fat, emperor (II. of France), v. 409; IX. 535; X. 481.
- IV., emperor, v. 412; X. 494; his interference with Sienese, XXII. 40.
- V., emperor (I. of Spain), v. 413; X. 497; XIII. 716; XXII. 328; his attitude towards the Reformation, XV. 74; XX. 328; towards the council of Trent, XXIII. 546; his treatment of Hernan Cortes, VI. 442; his relations with Henry VIII. of England, XI. 663; his rivalry with Francis I. of France, IX. 556; as ruler of Holland, XII. 73; his power in Italy, XIII. 482; his relations with Spain, XVIII. 743.
- VI., emperor, v. 418; X. 502.
- VII., emperor, v. 418; X. 503.
- , or Charles Louis, archduke of Austria, v. 423.
- , the Bold, duke of Burgundy, v. 424; IX. 552; his invasion of Switzerland, XXII. 786.
- I., king of England, v. 404; VIII. 345; parliament under, XVIII. 307; his policy in Ireland, XIII. 266; in Scotland, XXI. 511; his relations with Buckingham, IV. 418; with Earl Strafford, XXII. 584; XXIV. 17; defence of, by Salmasius, XXI. 220.
- II., of England, v. 408; VIII. 348; his relations with Monmouth, XVI. 755; with the Popish Plot, XVII. 697; with Presbyterianism, XIX. 690; his rule in Ireland, XIII. 267; his policy in Scotland, XXI. 514.
- I., the Bald, king of France (emperor Charles II.), v. 409; IX. 534; X. 480.
- II., the Fat, of France (emperor Charles III.), v. 409; IX. 535; X. 481.
- III., the Simple, of France, v. 409; IX. 535.
- IV., the Fair, of France, v. 409; IX. 545.
- V., the Wise, of France, v. 409; IX. 547.
- VI., of France, v. 410; IX. 548.
- VII., of France, v. 410; IX. 549.
- VIII., of France, v. 411; IX. 553; in Italy, IX. 335; XIII. 481.
- IX., of France, v. 412; IX. 560.
- X., of France, v. 412; IX. 619.
- (count of Anjou and Provence), king of Naples, v. 422; his relations with Pope Martin IV., XV. 582; as senator of Rome, XX. 797; his rule in Sicily, XXII. 27; as lord of Tuscany, XIII. 475.
- II., the Bad, king of Navarre, v. 423; XXII. 324.
- CHARLES III., of Navarre, XXII. 324.
- IV., of Navarre, v. 423; XXII. 324.
- (of Hohenzollern), king of Roumania, XXI. 21.
- I.—III., dukes of Savoy, XXI. 341.
- I., king of Spain (emperor Charles V., *q.v.*), v. 413; XXII. 328.
- II., of Spain, v. 418; IX. 580; XXII. 333.
- III., of Spain, v. 419; IX. 582; XXII. 336, 340.
- IV., of Spain, v. 419; XXII. 342.
- VIII., king of Sweden, XXII. 747.
- IX., of Sweden, v. 419; XXII. 748.
- X., of Sweden (Charles Gustavus), v. 419; XXII. 749.
- XI., of Sweden, v. 420; XXII. 749.
- XII., of Sweden, v. 420; XXII. 750; his conflict with Russia, XXI. 97; Voltaire's History of his Life, XXIV. 292.
- XIII., of Sweden, v. 422; XXII. 752.
- XIV., of Sweden (Bernadotte), III. 601; XVII. 220; XXII. 752.
- XV., of Sweden, v. 422; XXII. 753.
- , duke of Guise, XI. 267.
- , duke of Orleans (Charles d'Orléans), early French writer, XVII. 851; IX. 647.
- , Jacques A. C., French aeronaut, I. 188.
- , Thomas, Welsh Methodist preacher, XVI. 193.
- ALBERT (of Savoy-Carignano), king of Sardinia, v. 425; XIII. 486; XXI. 342.
- AUGUSTUS, grand-duke of Saxe-Weimar, v. 425; XXI. 350.
- EDWARD STUART, prince, v. 426; VIII. 355; XXI. 526.
- EMMANUEL I., duke of Savoy, v. 427; XXI. 341.
- EMMANUEL II.—IV., of Savoy, XXI. 342.
- ET GEORGES, Affair of, Portugal, XIX. 553.
- ISLAND, Galapagos, Pacific, X. 17.
- LOUIS MOUNTAINS, New Guinea, XVII. 386.
- MARTEL, mayor of the palace, France, v. 427; IX. 531.
- O'MALLEY, Lever's novel, XIV. 485.
- CHARLES'S LAW, of gases, XVI. 611; XIX. 243; XXII. 479.
- CHARLESTON, town, South Carolina, U.S.A., v. 428; XXII. 288.
- , town, West Virginia, U.S.A., XXIV. 519.
- CHARLESTOWN, town, Massachusetts, U.S.A., v. 429.
- , town, Nevis, West Indies, XVII. 369.
- CHARLET, Nicolas Toussaint, French painter, v. 429.
- CHARLETON, Walter, on birds, XVIII. 4.
- CHARLEVILLE, town, France, v. 429.
- CHARLEVOIX, Pierre François Xavier de, French traveller, v. 429.
- CHARLIER, John, of Gerson, chancellor of Paris university, X. 549.
- CHARLOTTE, town, North Carolina, U.S.A., XVII. 561.
- AMALIE, town, St Thomas, West Indies, XXI. 200.
- CHARLOTTENBURG, town, Prussia, v. 429.
- CHARLOTTESVILLE, town, Virginia, U.S.A., v. 430.
- , Canada, mineral water of, XVI. 436.
- CHARLOTTETOWN, town, Prince Edward Island, North America, v. 430; XIX. 740.
- CHARLOTTEVILLE, town, Dominica, West Indies, VII. 354.
- CHARLTON WHITE, pigment, XIX. 86.
- CHARMIDES, dialogue of Plato, XIX. 196.
- CHARMOISE, French breed of sheep, IV. 246.
- CHARMS, Magical, XV. 202.
- CHARNEL-HOUSE, in architecture, II. 462.
- CHAROLLAIS, district, France, XXI. 301.
- CHAROLLES, town, France, v. 430; XXI. 302.
- CHARON, in Greek mythology, v. 430; terra-cotta group, XXIII. 192.
- CHARONDAS, Greek lawgiver, v. 430.
- CHARONNE, heights, Paris, XVIII. 274.
- CHARPENTIER, François, French archaeologist, v. 430.
- , Jean de, on glaciers, X. 628.
- CHARR, fish, XII. 693; XXI. 223, 225.
- CHARRAN (Haran), of Scripture, XI. 454.
- CHARRIÈRE, Madame de, Swiss writer, XXII. 799.
- CHARRON, Pierre, French philosopher, v. 430; IX. 655; on scepticism, XXI. 382.
- CHARRUA, Indian tribe, South America, XXIV. 16.
- CHARSADDA, town, India, XVIII. 684.
- CHARTA BOMBYCINA, cotton paper, XVIII. 217.
- CHARTER, v. 431.
- CHARTERGUS, genus of wasps, XXIV. 392.
- CHARTER HOUSE, Carthusian monastery, I. 20; v. 163.
- CHARTERHOUSE SCHOOL, London, XIV. 835.
- CHARTERIS, Henry, early Scottish printer, XXI. 541.
- CHARTER-PARTY, shipping contract, v. 433.
- CHARTERS, English, Early forms of, VII. 255.
- CHARTER WRITING, XVIII. 161.
- CHARTIER, Alain, French writer, v. 433; IX. 647.
- CHARTISM, movement for political reform, v. 433; VIII. 366; in relation to socialism, XXII. 210.
- CHARTRES, town, France, v. 434; cathe-

- dral, architecture of, II. 430; sculptures in cathedral, XXI. 562.
- CHARTRES, Humanist school of, XXI. 421.
- , William de, grand-master of the Templars, XXIII. 162.
- CHARTREUSE, liqueur, v. 435; XIV. 687.
- , La Grande, monastery, France, v. 434, 163.
- CHARTS, Marine, XVII. 263; XV. 518; their early use in navigation, XVII. 253.
- CHARVAKHAS, Hindu materialistic sect, XXI. 291.
- CHARYBDIS, whirlpool, XXIV. 541.
- , Scylla and, legend of, XXI. 574.
- CHASE, The, hunting, XII. 393; Norman laws of, IX. 409.
- , Salmon Portland, American statesman, v. 435; XXIII. 770.
- CHASIDIM (Asidæans), ancient Jewish party, II. 729.
- , modern Jewish sect, XIII. 681.
- CHASING, ornamentation of metals, VIII. 189.
- CHASSERON, mountain, Switzerland, XIII. 781.
- CHASTAIGNER, Louis de, patron of Scaliger, XXI. 363.
- CHASTELAIN, Georges, Burgundian chronicler, v. 435.
- CHASTELARD, Pierre Boscobel de, French poet, v. 436; his relations with Mary, queen of Scots, XV. 595.
- CHASTENOY, France, Peace of (1576), IX. 562.
- CHASUBLE, ecclesiastical vestment, VI. 462.
- CHAT, bird, XXIV. 537.
- CHÂTEAU BARRIÈRE, ruin, Périgueux, France, XVIII. 534.
- CHATEAUBRIAND, François René, Viscount de, French essayist, v. 436; IX. 672, 674.
- CHÂTEAUBRIANT, town, France, v. 438.
- CHÂTEAU - CHINON, town, Nièvre, France, XVII. 496.
- CHÂTEAU D'OLÉRON, town, France, XVII. 761.
- CHÂTEAUDUN, town, France, v. 438.
- CHÂTEAU-GONTIER, town, France, v. 438; XV. 648.
- CHÂTEAUNEUF, spa, France, XX. 120.
- CHÂTEAUROUX, town, France, v. 438.
- CHÂTEAU-THIERRY, town, France, v. 439; battle of (1814), XVII. 221.
- CHÂTELDON, France, mineral water of, XVI. 436; XX. 120.
- CHÂTELET, Madame du, Voltaire's association with, XXIV. 287.
- CHÂTELGUYON, spa, France, XX. 120.
- CHÂTELLERAULT, town, France, v. 439; XXIV. 222.
- CHATER, river, England, XXI. 114.
- CHATHAM, town, England, v. 439; dock-yard, VII. 311, 318; school of military engineering, II. 586.
- CHATHAM, town, Ontario, Canada, XVII. 775.
- , town, New Brunswick, XVII. 375.
- , First Earl of, (William Pitt), English statesman, v. 440; VIII. 356; X. 423; XIX. 134.
- , ISLANDS, Pacific Ocean, v. 444; XVII. 466.
- , ISLE, Galapagos, Pacific, X. 17.
- CHÂTILLON, Gaultier de, author of the romance *Alexandreis*, XX. 641.
- CHÂTILLON-SUR-SEINE, town, France, v. 444.
- CHATISGARH (Chhatigarh), district, India, v. 608.
- CHAT MOSS, England, Reclamation of, I. 404; railway works at, XX. 233.
- CHATSWORTH, seat of duke of Devonshire, Derby, England, v. 445.
- CHATAHOOCHEE, river, Georgia, U.S.A., X. 434.
- CHATTANOOGA, town, Tennessee, U.S.A., v. 445; XXIII. 178.
- CHATTERTON, Thomas, English poet, v. 445.
- CHATTI, ancient German people, v. 244.
- CHATURANGA, Hindu game, v. 598.
- CHAUBISI, district, Nepal, XVII. 340.
- CHAUCER, Geoffrey, English poet, v. 449; his connexion with London, XIV. 845; English language in time of, VIII. 397; his place in English literature, VIII. 411.
- CHAUCI, ancient German tribe, X. 473; XIII. 758.
- CHAUDÉS-AIGUES, town, France, v. 454.
- CHAUDET, Antoine, French sculptor, XXI. 564.
- CHAUDIÈRE, river and falls, Canada, XVIII. 68; XX. 165.
- CHAUHANS, clan of Rajputs, India, XV. 393.
- CHAULIAC, Guy de, French surgeon, XXII. 675.
- CHAUMONT, town, France, v. 454; district, XV. 562.
- CHAUNA, genus of birds, XXI. 552.
- CHAUNCY, Charles, American Universalist, XXIII. 831.
- CHAUNY, town, France, v. 454.
- CHAUVIN, Étienne, French Reformed divine, v. 454; his *Lexicon Rationale*, VIII. 194.
- CHAUX DE FONDS, town, Switzerland, v. 454; XVII. 361; XXII. 779.
- CHAVES, town, Portugal, v. 454.
- CHAY-ROOT, dye, XV. 177.
- CHA-YUL, district, Tibet, XXIII. 341.
- CHAZELLES, Jean Matthieu de, French mathematician, v. 454.
- CHEATING, in law, IX. 726; XXIII. 233.
- CHECK, or Cheque, v. 583; III. 315.
- CHECQUY, in heraldry, XI. 698.
- CHEDDAR CHEESE, v. 456; III. 163.
- CHEDUBA, island, Bay of Bengal, v. 454.
- CHEE, or Tshi, tribe and language, Gold Coast, Africa, X. 756.
- CHEEK, Anatomy of the, I. 825.
- CHEER-PINE, tree, XIX. 105.
- CHEESE, v. 455; XVI. 304; Cheddar, v. 456; III. 163; Dunlop, III. 163; Glarus, X. 636; Milanese, XVI. 292; Stilton, XIV. 424; Italian varieties, XIII. 452; Swiss, XXII. 779.
- CHEESE-MAKING, in England, v. 589; VI. 771.
- CHEESE-MITE, XVI. 529.
- CHEETAH, or Hunting Leopard, v. 456; XII. 396; XIV. 463; XV. 435.
- CHE-FOO, town, China, v. 455; 634.
- CHEFREN, Chephren, or Khafra, Egyptian king, v. 582; VII. 733; pyramid of, II. 386; XX. 123.
- CHE HWANG-TE, emperor of China, v. 643.
- CHEKE, Sir John, English scholar, v. 457.
- CHE-KEANG, province, China, v. 636.
- CHEKHS (Czechs, *q.v.*), Slav race, XXII. 145, 147.
- CHELICKY, Peter, leader of a Moravian sect, XVI. 811; XXII. 151.
- CHELEBI, Ali and Katib, Ottoman writers, XXIII. 657.
- CHELIDON, genus of birds, XV. 581.
- CHELIDONIAN ISLANDS, Asia Minor, XV. 93.
- CHELIDOPTERA, genus of birds, XX. 101.
- CHELLIA, Jebel, mountain, Numidia, XVII. 628.
- CHELMSFORD, town, England, v. 457.
- CHELONIA, group of reptiles, XX. 440, 445; XXIII. 455; in Lankester's classification, XXIV. 812.
- , genus of reptiles, XXIII. 458.
- CHELSEA, borough, London, v. 457; XIV. 821; porcelain works at, XIX. 640; Royal Military Asylum at, II. 586.
- , town, Massachusetts, U.S.A., v. 458.
- CHELTENHAM, town, England, v. 458.
- CHELYDIDÆ, family of chelonian reptiles, XXIII. 457.
- CHELYDRIDÆ, family of chelonian reptiles, XXIII. 457.
- CHELYS, Greek lyre, v. 114.
- , genus of chelonian reptiles, XX. 452; XXIII. 459.
- CHEMICAL MEDICINE, Schools of, XV. 808, 810.
- CHEMICALS, Magnetism of, XV. 264.
- CHEMICKING, in bleaching, III. 817.
- CHEMISTRY, v. 459 (index, 579); inorganic, v. 467; organic, v. 544; origin of, in alchemy, I. 459; analysis and synthesis in, I. 795; Dalton's atomic theory, VI. 785; molecules in, XVI. 620; in relation to minerals, XVI. 379; to physiology, XIX. 9; to zoo-

- logical study, XXIV. 815; of iron, XIII. 279; of lichens, XIV. 558; of rubies, XXI. 48; thermometers used in, XXIII. 290; contributions to the science by Gay Lussac, X. 122; by Liebig, XIV. 566; by Newton, XVII. 448; by Priestley, XIX. 732; by Regnault, XX. 347; by Ste-Claire Deville, XXI. 166; by Scheele, XXI. 388; by Wöhler, XXIV. 626; by Wurtz, XXIV. 703; societies for promotion of, XXII. 225.
- CHEMMIS, ancient town, Egypt, VII. 794.
- CHEMNITZ, town, Saxony, V. 580; XXI. 358.
- , Martin, German Lutheran divine, V. 580.
- , Philipp Bogislaw von, German publicist, XX. 100.
- CHEMOSH, god of the Moabites, XVI. 534.
- CHEMY, or Alchemy, I. 459.
- CHEN, genus of birds, X. 777.
- CHENCHUS, tribe, Karnul, Indian Archipelago, XIV. 6.
- CHENDWARA (Chhindwara), district and town, India, V. 608.
- CHÊNEDOLLÉ, C. J. Pioult de, French poet, IX. 672.
- CHENGHIZ KHAN (Jenghiz Khan), Mongol ruler, XIII. 620; II. 699; XVI. 740.
- CHENG-TE FU (Jehol), town, China, XIII. 619.
- CHÉNIER, André Marie de, French poet, V. 581; IX. 665.
- , Marie Joseph de, French poet and dramatist, V. 581.
- CHENOMORPHÆ, group of birds, III. 712.
- CHEOPS, Egyptian king, V. 582; VII. 732; pyramid of, XX. 123.
- CHEPANGS, tribe, Nepal, XVII. 341.
- CHEPHREN, or Khafra, Egyptian king, V. 582; VII. 733; pyramid of, II. 386; XX. 123.
- CHEPING WALDEN (Saffron Walden), town, England, XXI. 146.
- CHEPSTOW, town, Monmouth, England, V. 583; castle, XVI. 754.
- CHEQUE, in banking, V. 583; III. 315.
- CHER, department, France, V. 584; river, XIV. 806.
- CHERAS, dynasty, Mysore, India, XVII. 123.
- CHERASCO, town, Italy, V. 584.
- CHERBOURG, town, France, V. 584; XV. 459.
- CHERBULIEZ, Swiss family of writers, XXII. 799.
- , Victor, Swiss novelist, XXII. 799.
- CHERCHELL, town, North-West Africa, XV. 637.
- CHEREMISS, or Tcheremissian, Ural-Altaic language, IX. 219; XXIV. I; dictionary of, VII. 188.
- CHERETHITES, of Scripture, XVIII. 757.
- CHERIBON, town, Java, V. 585; XIII. 606; residency, XIII. 606.
- CHERKASSK, or Tcherkassk, district, Russia, VII. 356; XVII. 609.
- CHEROKEES, American-Indian tribe, V. 585; X. 437; XII. 828, 834.
- CHEROOT, variety of cigar, V. 776; XXIII. 426.
- CHERRA POONJEE, station, India, XIV. 58.
- CHERRY, tree and fruit, V. 586; XII. 270.
- CHERRY-KERNEL OIL, XVII. 744.
- CHERRY-LAUREL, tree, XIV. 348.
- CHERSO, island, Illyria, V. 586.
- CHERSONESE, peninsula, V. 586.
- , Demosthenes's oration on the, VII. 71.
- , Heracleotic, part of Crimea, XXI. 616.
- , Tauric, Crimea, VI. 585; coins of, XVII. 640.
- CHERSONESUS, ancient town, Russia, VI. 587; XXI. 616.
- , Aurea, or Malay Peninsula, XV. 321.
- CHERT, siliceous rock, X. 239; XVI. 389.
- CHERTSEY, town, England, V. 586.
- CHERUBIM, of Scripture, V. 587.
- CHERUBINI, M. L. Z. C. Salvatore, Italian musical composer, V. 587; as symphonist, XVII. 97.
- CHERUSCI, ancient German tribe, V. 588.
- CHERWELL, river, England, XVII. 555; XVIII. 93; XXIII. 220.
- CHESAPEAKE BAY, Maryland, U.S.A., XV. 602.
- CHESELDEN, William, English surgeon, I. 815; XXIV. 189.
- CHESHIRE, county, England, V. 588; population and representation, XXIII. 727; salt mines of, XXI. 231.
- CHESIL, raised beach, Dorset, England, VII. 371.
- CHESNEY, Charles Cornwallis, English military writer, V. 591.
- CHESS, game, V. 592.
- CHESS-PLAYING AUTOMATONS, XV. 210.
- CHESSYLITE, mineral, VI. 347; XV. 315.
- CHEST, Anatomy of the, I. 822; XX. 476; inflammation of, XIX. 222.
- , for clothes, in furniture, IX. 848.
- CHESTER, or Cheshire (*q.v.*), county, England, V. 588.
- , town, England, V. 604.
- , town, Pennsylvania, U.S.A., V. 606.
- CHESTERFIELD, town, England, V. 606.
- , Fourth Earl of, V. 606.
- CHESTER-LE-STREET, town, England, V. 608.
- CHESTER PLAYS, English miracle-plays, VII. 414.
- CHESTNUT, tree and fruit, V. 608; XVII. 664; in United States, XXIII. 808; culture of, II. 317.
- CHESUNCOOK, lake, Maine, U.S.A., XV. 298.
- CHETA, district, ancient Syria, XXII. 822.
- CHETHAM LIBRARY, Manchester, XV. 463.
- CHETLAT, island, Laccadives, Indian Ocean, XIV. 183.
- CHETTLE, Henry, English poet, VI. 296.
- CHEVALIER, Michel, French economist, XIX. 395.
- , Sulpice Guillaume, French caricaturist, X. 118.
- , Sulpice Paul, French caricaturist, V. 105.
- DE ST GEORGE (James Stuart, the Pretender), XIII. 560.
- CHEVAUX-DE-FRISE, in fortification, IX. 423.
- CHEVÉ, Émile, French musician, XVII. 100.
- CHEVETS, in architecture, II. 430.
- CHEVIOT HILLS, Great Britain, V. 608; XVII. 564; XXI. 34.
- CHEVIOT SHEEP, I. 392.
- CHEVREANA, ana of Chevreau, I. 785.
- CHEVRON, in heraldry, XI. 694.
- CHEVROTAİN, ungulate mammal, XV. 430.
- CHEYENNE, town, Wyoming, U.S.A., XXIV. 713.
- CHEYENNES, American-Indian tribe, XII. 831, 834.
- CHEYLETIDÆ, family of Arachnida, XVI. 528.
- CHEYNE, George, English physician, XV. 811.
- CHÉZY, Antoine Léonard, French Orientalist, V. 608.
- CHHAPRA, town, India, XXI. 304.
- CHHATISGARH, district, India, V. 608.
- CHHINDWARA, district and town, India, V. 608.
- CHHUIKHADAN, state, India, XX. 257.
- CHIABRERA, Gabriello, Italian lyric poet, V. 609; XIII. 511.
- CHIAMDO, town, Tibet, XXIII. 342; river, XXIII. 339.
- CHIAPAS, state, Mexico, XVI. 214.
- CHIARAMONTE, town, Sicily, V. 609.
- CHIARAMONTI, Gregorio Luigi Barnaba (Pope Pius VII.), XIX. 155.
- CHIARI, town, Italy, V. 609.
- CHIAROSCURO, in drawing, VII. 449.
- CHIASTOLITE, mineral, XVI. 408.
- CHIAVARI, town, Italy, V. 610.
- CHIAVENNA, town, Italy, V. 610.
- CHIAZZA, town, Sicily, XIX. 79.
- CHIBCHAS, Indians, Colombia, VI. 156.
- CHICAGO, town, Illinois, U.S.A., V. 710; XXI. 178; XXIII. 822; libraries of, XIV. 535, 550; newspapers, XVII. 435.
- CHICARA, kind of antelope, II. 102.
- CHICHELE, or Chichely, Henry, archbishop of Canterbury, V. 613.
- CHICHEN-ITZA, ancient town, Yucatan, I. 694; XXIV. 43, 759.

- CHICHEREE, bird, XIV. 81.
 CHICHESTER, town, England, v. 613; XXII. 724; sculptures in cathedral, XXI. 557.
 CHICHIMECS, people, ancient Mexico, XVI. 209.
 CHICK, in various stages, II. 700.
 CHICKAMAUGA, U.S.A., Battle of (1863), XXIII. 778.
 CHICKASAWS, American-Indian tribe, v. 614; XII. 828, 835.
 CHICKERING, Jonas, pianoforte maker, XIX. 77.
 CHICK-PEA, plant, XI. 36.
 CHICLANA, town, Spain, v. 614.
 CHICLAYO, town, Peru, XVIII. 674.
 CHICOPPEE, town, Massachusetts, U.S.A., v. 614.
 CHICORY, plant, v. 614; culture of, I. 383; XII. 281; as forage, I. 378; root mixed with coffee, I. 169; VI. 114.
 CHICOVA, town, on Zambesi river, Africa, XXIV. 765.
 CHIEF, in heraldry, XI. 694.
 —, of Scottish clans and Irish septs, XXIII. 418.
 — JUSTICE, legal title, XIII. 788.
 CHIEFTAINSHIP, Celtic, v. 800.
 CHIENG MAI, Shan state and town, Eastern Asia, XXI. 773, 853.
 CHIERI, town, Italy, v. 615.
 CHIETI, town, Italy, v. 615.
 CHIFFCHAFF, bird, XXIV. 688.
 CHIGI, Agostino, Italian patron of art, XX. 279.
 —, Fabio (Pope Alexander VII.), I. 490.
 — FRESOS, Raphael's, XX. 279.
 CHIGNECTO BAY, New Brunswick, XVII. 373.
 CHIGOE, insect, IX. 301; XIII. 150.
 CHIHIL MENARE, ruins of Persepolis, Persia, XVIII. 558.
 CHIHIL SUTUN, palace, Ispahan, XIII. 394.
 CHIH-LI, province, China, v. 633.
 CHIHUAHUA, town, Mexico, v. 615; XVI. 214; province, XVI. 214.
 —, town, Texas, U.S.A., XXI. 254.
 CHILBLAIN, form of frost-bite, XVI. 849.
 CHILD, its position in law, XIII. I.
 —, Sir Josiah, English economist, XIX. 357.
 —, Lydia American authoress, I. 727.
 CHILD-CROWING, false croup, VI. 617; XXIII. 320.
 CHILDE HAROLD, Byron's poem, IV. 606.
 CHILDERIC I., king of the Franks, x. 476.
 CHILDERS, Robert Cæsar, English Orientalist, v. 615.
 CHILDHOOD, Period of, xv. 778.
 CHILD MURDER, XIII. 3.
 CHILDREN, Diet for, VII. 201; law relating to, XIII. I.
 CHILDRENITE, mineral, XVI. 407.
 CHILDREN'S CRUSADE, VI. 627.
 CHILE (Chili, *q.v.*), country, South America, v. 616.
 CHILENITE, mineral, XVI. 393.
 CHILES, mountain, Ecuador, VII. 645.
 CHILI, country, South America, v. 616; I. 713; new northern boundary, XVIII. 669; revolt against Spain, I. 709; Lord Cochrane's naval exploits in, VII. 540; war with Peru (1879), XVIII. 679; marine fishes of, XII. 681; forests, IX. 406; Indian tribes, XII. 829; newspapers, XVII. 437; observatory at Santiago, XVII. 716; railways, XX. 252.
 —, vegetable, XII. 280.
 CHILIANS, Ancient, I. 700.
 CHILIANWALA, India, Battle of (1849), v. 624; XII. 808.
 CHILIASM, or Millenarianism, in Christian eschatology, VIII. 534; XVI. 315; XVIII. 427; XX. 497.
 CHILLAN, town, Chili, v. 624; mineral spring at, v. 617.
 CHILLIANWALLA, town, India, v. 624; battle of (1849), XII. 808.
 CHILLICOTHE, town, Ohio, U.S.A., v. 624.
 CHILLINGHAM PARK, Northumberland, England, XVII. 566; wild cattle of, v. 245.
 CHILLINGWORTH, William, English divine, v. 624.
 CHILLON, Castle of, Switzerland, XXIV. 115; Prisoner of (Bonnavard), IV. 36.
 CHILLY, pickle, v. 280.
 CHILMAREE, town, India, v. 625.
 CHILOANGA, river, West Africa, XIV. 742.
 CHILOE, island and province, Chili, v. 617, 625.
 CHILOGNATHA, order of Myriapoda, XVII. 118.
 CHILON, Greek sage, v. 626.
 CHILOPODA, order of Myriapoda, XVII. 119.
 CHILOSCYLLIUM, genus of sharks, XXI. 774.
 CHILOSCYPHUS, genus of liverworts, XVII. 68.
 CHILOSTOMA, suborder of Polyzoa, XIX. 437.
 CHILOSTOMELLIDEA, order of Protozoa, XIX. 847.
 CHILTERN HILLS, England, v. 626; XVIII. 93.
 CHILTERN HUNDREDS, Bucks, England, IV. 416; stewardship of, v. 626.
 CHILUNGA, district, West Africa, XIV. 742.
 CHIMÆRA, in Greek mythology, v. 626; XV. 94; in heraldry, XI. 701.
 CHIMAY, town, Belgium, v. 626.
 CHIMBORAZO, mountain, Ecuador, VII. 645.
 CHIMBOTE, town, Peru, XVIII. 674.
 CHIME, of bells, III. 539.
 CHIMNEY, in building, IV. 466; ventilation by, XXIV. 159.
 CHIMPANZEE, ape, II. 149.
 CHINA, v. 626 (index, 672); II. 684; in Ptolemy's geography, XX. 95; early history of, II. 117, 700; its conquests in Turkestan, XXIII. 639; invasion of, by the Bactrians, XVIII. 590, 592, 599; by Jenghiz Khan, XIII. 621; conquest of by the Mongols, XIV. 151; XVI. 742; its rule in Tibet, XXIII. 343; in time of Marco Polo, XIX. 406; architecture, II. 448; birds, III. 762; coalfields, VI. 59; coins, XVII. 661; cotton supply, VI. 484; emigration from, VIII. 175; forests, IX. 405; glass-making, X. 651; libraries, XIV. 534, 549; Confucian literature, VI. 263; mines, XVI. 469; Christian missions, XVI. 517; Jesuit missions, XIII. 652; XX. 536; newspapers, XVII. 432; observatories, XVII. 716; opium cultivation and trade, XVII. 788, 791; pearl oysters, XVIII. 448; porcelain, XIX. 633; railways, XX. 252; religion, XX. 363; ancient religion, XXIII. 236; Taoist religion, XIV. 296; Roman Catholic Church in, XIX. 810; silk industry in, XXII. 56; tea culture, XXIII. 98; weights and measures, XXIV. 490; survey of, by Jesuit missionaries, X. 188.
 — ASTER, plant, II. 736; XII. 249.
 CHINAB, river, Punjab, India, XX. 107.
 CHINA BLUE, for calico printing, IV. 690.
 CHINA CLAY, XIV. I.
 CHINA GRASS, XX. 506.
 CHINA INK, XIII. 80.
 CHINALI MOUNTAINS, Texas, U.S.A., XXIII. 204.
 CHINANDEGA, town, Nicaragua, XVII. 477.
 CHINA SEA, XVIII. 116.
 CHINCHA, town, Peru, XVIII. 674.
 — ISLANDS, Peru, v. 673; XVIII. 671; guano of, XI. 233.
 CHINCHAY-COCHA, lake, Peru, XVIII. 673.
 CHINCHEW, town, China, v. 673.
 CHINCHILLA, rodent mammal, v. 673; IV. 13; XV. 420; skins of, IX. 838.
 —, town, Spain, v. 673.
 CHINCHON, Countess of, her connexion with cinchona, v. 781.
 CHINCHONA (Cinchona, *q.v.*), tree, v. 780; XVIII. 673.
 CHINCHU, town, China, v. 673.
 CHIN-COUGH, or Hooping-Cough, XII. 154.
 CHINESE, people of China, II. 697; their relations to American Indians, XII. 823; compared to the Peruvians, I. 698; in California, IV. 706; their use of explosives in war, II. 655.
 — ASTRONOMY, II. 745.
 — CHRONOLOGY, V. 717.
 — COOLIES, VI. 334.

CHINESE DRAMA, VII. 400.

CHINESE HOG, I. 400.

CHINESE LANGUAGE, v. 653; XVIII. 774; alphabetism of, I. 602; its relation to Japanese, XIII. 585; Julien's works on, XIII. 770; dictionaries, VII. 191.

CHINESE LITERATURE, v. 653.

CHINESE PINK, garden annual, XII. 249.

CHINESE TALLOW, vegetable fat, XVII. 744, 746.

CHING-HAI, or Chin-hae, town, China, v. 674; XVII. 513.

CHINGLEPUT, town, India, v. 674.

CHING-SZE, Jenghiz Khan (*q.v.*), XIII. 620.

CHING-TOO FOO, town, China, v. 638.

CHIN-HAE, town, China, v. 674; XVII. 513.

CHIN-KEANG FOO, town, China, v. 674.

CHINNERETH, Sea of, or Sea of Galilee, Palestine, X. 29.

CHINO, Negro and Indian half-caste, XVII. 317.

CHINON, town, France, v. 674; peace of (1214), XIII. 714.

CHINSURAH, town, India, v. 674.

CHINTAMANI, Tamil poem, XXIII. 43.

CHIOGGIA, town, Italy, v. 674; war of (1379), XIII. 480; XXIV. 144.

CHIOLITE, mineral, XVI. 384.

CHIONIS, genus of birds, XXI. 782.

CHIOS (Scio), Greek island, XXI. 465; coins of, XVII. 647; school of sculpture at, II. 349.

CHIOZZA (Chioggia), town, Italy, v. 674; XXIV. 144.

CHIPLUN, town, India, XX. 292.

CHIPMUNK, American squirrel, XXII. 438.

CHIPPENHAM, town, England, v. 674; XXIV. 594.

CHIPPEWAYS, American Indians, XII. 827, 831.

CHIPPING BARNET, town, England, III. 379.

CHIPPING WYCOMBE, town, England, XXIV. 712.

CHIPUTNETICOOK, lakes, New Brunswick, XVII. 373.

CHIQUITOS, American Indians, XII. 829.

CHIRA, town, Turkestan, XIV. 67.

CHIRIMOYA, Peruvian fruit, XVIII. 673.

CHIRK, Wales, Aqueduct of, II. 229.

CHIROGALEUS, genus of lemurs, XIV. 442.

CHIROMACHÆRIS, genus of birds, XV. 455.

CHIROMANCY, palmistry, XV. 206; XIX. 4.

CHIROMYS, genus of lemurs, XIV. 443.

CHIRON, in Greek mythology, v. 675.

CHIRONECTES, genus of marsupial mammals, XVII. 796.

CHIROPTERA, order of Mammalia, XV. 405.

CHIROXIPPIA, genus of birds, XV. 455.

CHIRU, antelope, II. 102.

CHISEL, cutting tool, XI. 437.

CHISWICK, village, England, v. 675.

CHITARRONE, Roman lute, XV. 70.

CHITON, Greek article of dress, VI. 453.

CHITONS, order of Mollusca, XVI. 641.

CHITRAL, state and town, Hindu Kush, Asia, XI. 838; XIV. 9.

CHITTAGONG, district and town, India, v. 675.

— HILL TRACTS, district, India, v. 675.

CHIUS, or Chios (*q.v.*), island, II. 349.

CHIUSA, town, Italy, v. 676.

CHIUSHINGURA, Japanese tale, VII. 402.

CHIUSI, town, Italy, v. 676; VIII. 635.

CHIVALRY, XIV. 110; in England, VIII. 299; in German literature, X. 523; romances of, XX. 632; Spanish books of, XXII. 354; treatment of, in Villardouin's Chronicle, XXIV. 230.

CHIVASSO, town, Italy, v. 676.

CHIVES, vegetable, XII. 281.

CHIVIATITE, mineral, XVI. 396.

CHLADNI'S FIGURES, in acoustics, I. 113.

CHLADNITE, mineral, XVI. 415.

CHLÆNACEÆ, order of plants, Madagascar, XV. 170.

CHLAMYDOPHORA, order of Protozoa, XIX. 845.

CHLAMYDOPHORE, edentate mammal, v. 676; XV. 386.

CHLAMYDOSAURUS, genus of lizards, XIV. 736; XX. 457, 458.

CHLAMYDOSELACHUS, genus of sharks, XXI. 778.

CHLAMYS, Greek article of dress, VI. 453.

CHLOANTITE, mineral, XVI. 390.

CHLOASMA, skin disease, XXII. 122.

CHLODWIG (Clovis, *q.v.*), Frankish king, X. 476.

CHLOEIA, genus of Annelida, II. 68.

CHLOPICKI, Joseph, Polish insurgent, XIX. 298.

CHLORAL, in chemistry, v. 676; hydrate of, v. 677; XVII. 232.

CHLORATE OF POTASH, XIX. 591; as explosive, VIII. 807.

CHLORATE OF SODA, XXII. 241.

CHLORHYDRATE OF AMYLENE, Wurtz's investigation of, XXIV. 703.

CHLORIDE of iron, XIII. 280; of lime, v. 678; of mercury, XVI. 33; of methyl, XVI. 196; of potash, XIX. 591; of silver, XXII. 72; of sulphur, XXII. 635; of titanium, XXIII. 410.

—, Ferric, magnetism of, XV. 267.

CHLORINE, chemical element, v. 678, 490; XVII. 62; discovery of, by Berthollet, III. 609; its action on metals, XVI. 71; as plant food, XIX. 49; as poison, XIX. 279; use of, in bleaching, III. 812.

CHLORITE, mineral, X. 228; XVI. 413.

CHLORITOID, mineral, XVI. 413.

CHLOROCALCITE, mineral, XVI. 384.

CHLOROPFORM, in chemistry, v. 679; as anæsthetic, I. 790; its use first advocated by Simpson, XXII. 86.

CHLOROMELANITE, mineral, XIII. 541.

CHLOROPAL, mineral, XVI. 425.

CHLOROPHÆITE, mineral, XVI. 415.

CHLOROPHYLL, green-producing colouring matter in plants, XIX. 48, 52, 57, 831; III. 690; IV. 87; XII. 12.

CHLOROPHYLLITE, mineral, XVI. 418.

CHLOROPLATINIC ACID, XIX. 191.

CHLOROPS, wheat pests, XXIV. 535.

CHLOROSIS, disease, XIII. 360; XVIII. 375.

CHLOROSPERMÆ, suborder of Algæ, I. 508.

CHLOROSPINEL, mineral, XVI. 386.

CHLOROXYLON, genus of trees, XXI. 317.

CHLORUS, Constantius, Roman emperor, at Paris, XVIII. 287.

CHNUPHIS, Egyptian divinity, VII. 718.

CHOANOFAGELLATA, subclass of Protozoa, XIX. 858.

CHOARENE, Parthian kingdom, XVIII. 592.

CHOBE, town, Zanzibar, Africa, XXIV. 768.

CHOCOLATE, preparation from Cocoa (*q.v.*), v. 680; VI. 101.

CHOCTAWS, North-American Indians, v. 680.

CHOCZIM (Khotin), town, Russia, XIV. 67.

CHODNEFFITE, mineral, XVI. 384.

CHODOWIECKI, Daniel Nicolas, Polish painter, v. 681.

CHGERONYCTERIS, genus of bats, XV. 414.

CHÆROPSIS, genus of ungulate mammals, XXII. 772.

CHÆROPUS, genus of marsupial mammals, XV. 381; XXII. 285.

CHOIR, in architecture, II. 462.

—, Musical, XVII. 84, 85.

CHOISEUL, island, South Pacific, XXII. 252.

—, César, Duc de, French general, v. 681.

—, Claude Antoine Gabriel, Duc de, French royalist, v. 681.

—, Étienne François, Duc de, French statesman, v. 681; IX. 590, 593.

CHOISY-LE-ROI, town, France, XXI. 624.

CHOKE-BORE GUN, XI. 281; XXI. 833.

CHOLERA, v. 682; quarantine for, XX. 157.

CHOLESTERIN, chemical compound in nerves, XIX. 24.

CHOLET, town, France, v. 685.

CHOLM, town, Russia, XX. 36.

CHOLO, issue of Negro and Indian, XVII. 319.

- CHOLÆPUS, genus of edentate mammals, XXII. 162.
- CHOLON, town, Cochin-China, XXI. 152.
- CHOLULA, town, Mexico, v. 685.
- CHOLUM, Indian grain, XVI. 321.
- CHOLUTEC, language, Nicaragua, XVII. 479.
- CHOLUTECA, department, Honduras, XII. 132.
- CHOMTO DONG, lake, Tibet, XXIII. 341.
- CHONDRASENITE, mineral, XVI. 405.
- CHONDRIN, substance akin to gelatin, X. 130.
- CHONDRITE, meteoric stone, XVI. 112.
- CHONDRODITE, mineral, XVI. 410.
- CHONDROPTERYGII, order of fishes, XII. 685.
- CHONDROSINA, order of sponges, XXII. 422.
- CHONDROSTEI, suborder of fishes, XII. 687.
- CHONDROSTEUS, genus of fossil fishes, XXII. 612.
- CHONDROS CRISPUS, species of *Algæ*, XIII. 276.
- CHONICRITE, mineral, XVI. 414.
- CHONOS ARCHIPELAGO, Patagonia, XVIII. 352.
- CHONS, or Khuns, Egyptian deity, v. 685; VII. 718.
- CHONTAL, language, Nicaragua, XVII. 479.
- CHONTALES, gold mines, Nicaragua, XVII. 478.
- CHOO YUEN-CHANG, founder of Ming dynasty, China, v. 648; XVI. 743.
- CHOPIN, Frédéric François, Polish musical composer, v. 685.
- CHORAGIC MONUMENTS, II. 411.
- CHORALS, hymn-tunes, XVII. 85.
- CHORASMA, ancient kingdom, Turkistan, XIV. 62; XVIII. 101.
- CHORAZIN, Palestine, Site of, X. 29.
- CHORDA FILUM, species of *Algæ*, I. 509.
- CHORDATA, group of animals, XXIII. 614, 618; XXIV. 179.
- CHORDS, Ptolemy's table of, XX. 88.
- CHOREA, disease, v. 686; XVIII. 391, 398; XX. 517; XXI. 201.
- CHORENE, Moses of, Armenian historian, XVI. 861.
- CHOREPISCOPUS, ecclesiastical dignity, VII. 14.
- CHORIN, Cistercian monastery, Prussia, XVII. 366.
- CHORISTIDA, order of sponges, XXII. 423.
- CHORIZONTES, advocates of dual authorship of Homeric poems, XII. 119.
- CHORLEY, town, England, v. 686.
- CHOROGRAPHY, notation for dancing, VI. 800.
- CHOROID COAT, of the eye, I. 887; diseases of, XVII. 783.
- CHOROIDITIS, eye disease, XVII. 782, 783.
- CHOROTEGAN, language, Nicaragua, XVII. 479.
- CHORRILLOS, town, Peru, XIV. 644.
- CHORUS, in the Greek drama, XVII. 79; VIII. 674.
- CHOSSES IN ACTION, CHOSSES IN POSSESSION, in law, XVIII. 665.
- CHOSROENE, district, Mesopotamia, XVIII. 57.
- CHOSROES I. (Khosrau I.), king of Persia, XVIII. 612; XIII. 797.
- II., XVIII. 614; palace of, at Mashita in Moab, XVII. 35.
- CHOTA NAGPUR, or Chutia Nagpur, British division, and tributary states, India, v. 767, 768; population of, III. 567.
- CHOTCHIM (Khotin), town, Russia, XIV. 67.
- CHOTI, kind of cloth, XI. 315.
- CHOTTS, or Shotts, lakes, Algeria, I. 563; XXI. 151; XXIII. 620.
- CHOTZEMITZ, Bohemia, Battle of (1757), XIV. 137.
- CHOUANS, royalist insurgents, France, v. 686; IX. 607.
- CHOUGH, bird, VI. 618.
- CHOUMARA, F. M. T., on fortification, IX. 464.
- CHOUTH, Mahratta impost, India, XV. 291.
- CHOW, Dynasty of, China, v. 643.
- CHOWBENT, or Atherton, town, England, III. 11.
- CHOZARS (Khazars), ancient people, Caucasus, XIV. 59; XXI. 78.
- CHRESTIANI, CHRESTUS, for Christians, Christ, XIII. 657.
- CHRESTIEN, Florent, French satirist and Latin poet, v. 687.
- DE TROYES, early French romancist, v. 687; XX. 649; XXIV. 632.
- CHRESTUS, CHRESTIANI, for Christ, Christians, XIII. 657.
- CHRISSIE, lake, Transvaal, South Africa, XXIII. 517.
- CHRIST, Jesus, v. 687; XIII. 656; the Messiah, XVI. 54.
- CHRISTABEL, Coleridge's poem, VI. 137.
- CHRISTCHURCH, town, England, v. 687.
- , town, New Zealand, v. 688.
- CHRIST CHURCH, college, Oxford, XVIII. 96.
- CHRISTIAN, origin of name, XIII. 657.
- I.—II., electors of Saxony, XXI. 354.
- II., king of Sweden, XXII. 747.
- , Fletcher, Bounty mutineer, III. 826; XIX. 132.
- BRETHREN, religious sect, XIX. 238.
- ERA, v. 712.
- HERO, The, by Steele, XXII. 527.
- CHRISTANIA, town, Norway, v. 688; XVII. 582; library, XIV. 532; observatory, XVII. 714; university, XXIII. 850.
- CHRISTIANITY, v. 688; XX. 360; creeds of, VI. 558; doctrines of, VII. 332; XXIII. 275; doctrine of sacrifice, XXI. 138; ethics of, VIII. 588; ethical connexion with socialism, XXII. 206; in relation to inspiration, XIII. 155; theology of, XXIII. 239; attacks on, II. 191; Celsus's attack on, v. 296; in the 2nd century, XVI. 774; Constantine's relations to, VI. 300; early, in Persia, XVIII. 609; in Spain, XXII. 311; prophets in the early church, XIX. 822; its economic effects, XIX. 352; its influence on classical art, II. 344; on Roman law, XX. 710; on slavery, XXII. 134; as influenced by Gnosticism, X. 705; by Neoplatonism, XVII. 338; its introduction into England, VIII. 277; into Ireland, XIII. 247; into Japan, XIII. 584; into Russia, XXI. 89; into Scotland, XXI. 474; in relation to Manichæism, XV. 485; Pliny's references to, XIX. 226; recognized as the religion of the Roman empire, XX. 778; Clement's views of, v. 820; Irenæus's, XIII. 274; Lessing's, XIV. 482; Locke's, XIV. 756; Origen's, XVII. 841.
- AS OLD AS THE CREATION, Tindal's work, XXIII. 404.
- NOT MYSTERIOUS, Toland's work, XXIII. 434.
- CHRISTIAN PHILOSOPHER, Dick's work, VII. 173.
- CHRISTIAN REPUBLIC, of France, IX. 565.
- CHRISTIAN SOCIALISM, XXII. 210.
- CHRISTIANSAND, town, Norway, v. 702; XVII. 582.
- CHRISTIANSHAAB, trading district, Greenland, XI. 170.
- CHRISTIANS OF ST THOMAS, sect in India, XXIII. 308.
- CHRISTIANSTAD, town, Sweden, v. 702; county, XXII. 741.
- CHRISTIANSUND, town, Norway, v. 702; XVII. 582.
- CHRISTIANUS DEMOCRITUS (J. C. Dippel), German theologian and alchemist, VII. 255.
- CHRISTIAN YEAR, Keble's, XIV. 26.
- CHRISTINA, regent of Savoy, XXI. 342.
- , queen regent of Spain, XXII. 345.
- , queen of Sweden, v. 702; XXII. 749; her correspondence with Descartes, VII. 120.
- CHRISTINE DE PISAN, early French writer, v. 703.
- CHRISTIS KIRK ON THE GRENE, poem by James I. of Scotland, XIII. 556.
- CHRISTMAS DAY, v. 704; XIII. 659.
- CHRISTODULUS, St, of Patmos, XVIII. 408.
- CHRISTOFLE, C., his method of working nickel, XVII. 487.
- CHRISTOPHE, Negro chief, Hayti, XI. 545.

- CHRISTOPHER, St, v. 704; wall paintings of, xvii. 44.
 — of Bavaria, king of Sweden, xxii. 746.
 —, duke of Württemberg, xxiv. 702.
 — NORTH, assumed name of John Wilson, Scottish writer, xxiv. 591.
 CHRISTOPOULOUS, Athanasias, modern Greek poet, v. 704; xi. 151.
 CHRIST'S COLLEGE, Cambridge, iv. 731.
 CHRIST'S HOSPITAL, school, London, xiv. 835.
 CHRIST'S VICTORY, poem by Giles Fletcher, ix. 305.
 CHRIST'S WOUNDS, marks of stigmatization, xxii. 548.
 CHRODEGANG, bishop of Metz, xvi. 707.
 CHROMATES, chemical salts, v. 705; in photographic printing, xviii. 831; as poisons, xix. 278.
 CHROMATIC ABERRATION, in lenses, xvi. 259; xvii. 803; xxiii. 141.
 CHROMATIC CHORDS, in music, Purcell's use of, xvii. 90.
 CHROMATIC SCALE, in music, i. 108; xvii. 79, 91.
 CHROMATOPHORES, organs of molluscs, xvi. 665, 681.
 CHROMATROPE, slide for magic lantern, xv. 213.
 CHROME, Pigments of, xix. 87.
 — BLACK, for calico printing, iv. 690.
 CHROMEISEN, or Chromium-Steel, alloy of chromium and iron, v. 706; xiii. 352.
 CHROME TANNING, xiv. 389.
 CHROMIC ACID, v. 705.
 CHROMITE, mineral, xvi. 386.
 CHROMIUM, chemical element, v. 705, 534; discovery of, by Vauquelin, xxiv. 116; combined with iron, xiii. 284; spectrum of, xxii. 377.
 CHROMIUM-STEEL, xiii. 352.
 CHROMO-LITHOGRAPHY, xiv. 700; xxiii. 708.
 CHROMOSPHERE, envelope of the sun, ii. 788; vi. 429; xxii. 645.
 CHROMO-TYPOGRAPHY, xxiii. 708.
 CHRONICA MAJORA, of Matthew of Paris, xv. 634.
 CHRONICLE, of Villehardouin, xxiv. 229.
 —, of Villani, xxiv. 227.
 —, Saxon, viii. 406, 408.
 — HISTORIES, in English drama, vii. 428.
 CHRONICLES, Books of, v. 706; iii. 636.
 —, mediæval records, their historical value, xii. 20; Latinity of, xiv. 341; English, Stow's editions of, xxii. 580; early French, ix. 645; German, x. 527; Italian, xiii. 505; Judæan, xiv. 85; Polish, xix. 299; Russian, xxi. 103; Spanish, xxii. 354, 363.
 CHRONICON EDESSENUM, Syriac work, xxii. 835.
 CHRONICON HELVETICUM, Tschudi's, xxiii. 601.
 CHRONICON PASCHALE, Byzantine history, iv. 614.
 CHRONOGRAPH, electric velocity instrument, xi. 298; xxiii. 395.
 — WATCH, xxiv. 398.
 CHRONOLOGICAL TABLE, from earliest times to 1875, v. 720.
 CHRONOLOGY, v. 709; archæological, ii. 334; Egyptian, vii. 728; Scaliger's contributions to, xxi. 363.
 CHRONOMETER, timepiece, v. 755; xxiii. 392, 395; xxiv. 394; Berthoud's, iii. 610; Harrison's, xi. 494; navigating, xvii. 259, 263, 273.
 CHRONOSCOPE, electric velocity instrument, xi. 298.
 CHRUDIM, town, Bohemia, v. 755.
 CHRYSALIS, pupa stage of butterflies, iv. 594.
 CHRYSANTHEMUM, plant, xii. 254; xv. 544.
 CHRYSIPPUS, Greek philosopher, v. 755; xxii. 562.
 CHRYSOBERYL, mineral, xvi. 386.
 CHRYSOCHEIR, leader of the Paulicians, xviii. 434.
 CHRYSOCHLORIDÆ, family of insectivorous mammals, xv. 405.
 CHRYSOCOLLA, mineral, vi. 347; xvi. 411.
 CHRYSOLITE, precious stone, xvi. 410; xviii. 534.
 CHRYSOLORAS, Manuel, Greek grammarian, v. 755; xi. 149.
 CHRYSOPHAN, constituent of rhubarb, xx. 530.
 CHRYSOPOLIS (Ingolstadt), ancient town, Bavaria, xiii. 74.
 — (Parma), mediæval town, Italy, xviii. 314.
 — (Scutari), ancient town, Turkey in Asia, xxi. 573.
 CHRYSOPRASE, mineral, i. 278; xvi. 389.
 CHRYSOSTOM, Dion, Greek rhetorician, vii. 247; on Indian epic poems, xxi. 281; his romance, The Hunter, xx. 634.
 —, John, St, archbishop of Constantinople, v. 755; against monasteries, xvi. 703.
 CHRYSOTHRIX, genus of apes, ii. 154.
 CHRYSOTILE, mineral, xvi. 414.
 CHU, the rhea plant, xx. 506.
 CHUBB, or Chub, fish, ii. 42; xii. 692; xx. 582.
 —, Thomas, English deist, v. 757; on natural religion, vii. 35.
 CHUBB'S LOCKS, xiv. 746.
 CHUBB'S SAFES, xxi. 144.
 CHUBUT, river, Patagonia, xviii. 353.
 CHUKCHEES, or Tchukcthis, Land of the, Eastern Siberia, xv. 547; xxii. 9; xxiv. 726.
 CHULPAS, burial towers, Peru, ii. 451.
 CHUMBE, mineral, xxiv. 785.
 CHUNAR, or Chunarghur, town, India, v. 757.
 CHUND, or Chand, Hindi writer, v. 758; xi. 841, 843.
 CHUNDERNAGORE, French settlement, India, v. 391.
 CHUNDRAKONA (Chandrakona), town, India, xvi. 284.
 CHUNNIA, bird, xxi. 677.
 CHUPRAH, town, India, v. 758.
 CHUQUISACA, department, Bolivia, iv. 10; town, xxii. 618.
 CHUQUITO, lake, Bolivia, iv. 11.
 CHUR, or Coire, town, Switzerland, vi. 117; xxii. 778.
 CHURCH, The, v. 758, 9; clergy of the, v. 827; discipline of the, viii. 800; offices in, xix. 674; organization of, v. 698; in time of St Paul, xviii. 428; views of Irenæus on, xiii. 274.
 —, Catholic, v. 9.
 —, Greek, xi. 154.
 —, Lutheran, xv. 84.
 — AND STATE, Relations of, v. 758; xi. 16, 18; Calvin on, xix. 677; Erastus on, viii. 518.
 — CLOCKS, vi. 27.
 — FATHERS, ix. 49.
 — GOVERNMENT, Erastus on, viii. 518.
 — HISTORY, v. 760.
 CHURCHILL, Charles, English satirist, v. 766; his place in English literature, viii. 429.
 —, John, duke of Marlborough, English general, xv. 553.
 CHURCH MUSIC, xvii. 80, 84, 88.
 CHURCH OF ENGLAND, viii. 370; the king the head of, xix. 674; order of precedence in, xix. 667.
 CHURCH OF ROME, xx. 628.
 CHURCH OF SCOTLAND, xxi. 536.
 CHURCH PATRONAGE, in Scotland, xxi. 519.
 CHURCHWARDENS, English, xviii. 296.
 CHURCHYARD, Thomas, English soldier and writer, v. 767.
 CHURCHYARDS, Right of burial in, iv. 537; effects of overcrowding, v. 329.
 CHURLS, social class in early England, viii. 274.
 CHURRIGUERRA, Joseph, Spanish architect, ii. 442.
 CHURRUS, or Charas, hemp-resin, iii. 627; xi. 648.
 CHUSAN, island, China, v. 767.
 CHUTIA NAGPUR, district, India, v. 767; division, xiv. 806.
 CHUTIA NAGPUR TRIBUTARY STATES, India, v. 768.
 CHUTISGURH (Chhatisgarh), division, India, v. 608.
 CHUTTERPUR, town, India, v. 769.
 CHWANCHOW, town, China, v. 673.

- CHWEN-CHANG (Kirin), town, Manchuria, XIV. 96.
- CHYLE, secretion in digestion, I. 846; VII. 226; XVII. 678.
- CHYLURIA, disease, XVIII. 270.
- CHYME, digested contents of the stomach, VII. 225; XVII. 670.
- CHYTRIDIEÆ, parasitic fungi, XVIII. 267.
- CIBBER, or Cibert, Caius Gabriel, Danish sculptor, v. 769.
- , Colley, English dramatist and laureate, v. 769; VII. 436.
- CIBERT, Caius Gabriel, Danish sculptor, v. 769.
- CIBO, Giovanni Battista (Pope Innocent VIII.), XIII. 85.
- CIBORIUM, in architecture, II. 462.
- CIBRARIO, Luigi, Italian economist, XIX. 387.
- CICACOLE, town, India, v. 770.
- CICERO, Marcus Tullius, Roman orator and writer, v. 770; XX. 764; as Academician, I. 69; his knowledge of anatomy, I. 802; his economic theories, XIX. 350; his Latinity, XIV. 333; his rhetorical works, XX. 514; his opposition to Catiline, v. 238; his relations with Hortensius, XII. 210; his connexion with Tusculum, XXIII. 671; his place in Roman literature, XX. 719.
- CICI, Vlach colony in Istria, XXIV. 270.
- CICLATOUN, variety of gold cloth, XXIII. 210.
- CICOGNARA, Leopoldo, Count, Italian archaeologist, v. 772.
- CICONIA, genus of birds, XXII. 577.
- CID, The (Ruy Diaz Campeador), Spanish hero, v. 773; XXII. 315; literature relating to, XXII. 353.
- , Le, Corneille's play, VI. 420.
- CIDER, beverage, v. 775; II. 212.
- CIECHANOW, town, Russian Poland, XIX. 227.
- CIENFUEGOS, Nicasio Alvarez de, Spanish poet, v. 775; XXII. 361.
- CIGAR, v. 775; XXIII. 426; Cuban, VI. 681; manufacture of, in Philippine Islands, XVIII. 751.
- CIGARETTES, v. 776; XXIII. 426.
- CIGNANI, Carlo, Italian painter, v. 776.
- CIGOLI, Luigi Cardi da, Italian painter, v. 776.
- CILIATA, class of Protozoa, XIX. 861.
- CILICIA, ancient province, Asia Minor, v. 776, 75; coins of, XVII. 648.
- CILICIAN GATES, pass, Asia Minor, II. 705.
- CIMABUE, Giovanni, Italian painter, v. 778; XXI. 434; his method of fresco-painting, IX. 770.
- CIMA DEL MERCEDARIO, mountain, Chili, v. 616.
- CIMAROSA, Domenico, Italian musical composer, v. 779; XVII. 99.
- CIMBRI, ancient Germanic tribe, v. 780; X. 474.
- CIMBRIC ALPS, I. 630.
- CIMENTO, Accademia del, of Florence, I. 70.
- CIMMERII, or Cimmerians, ancient Scythian race, v. 780; XXI. 577; in Lydia, XV. 100.
- , mythical people, v. 780; supposed locality of, III. 149.
- CIMOLITE, mineral, XVI. 424.
- CIMOLOS, island, Ægean Sea, XV. 841.
- CIMON, Athenian statesman and general, v. 780; XI. 101; XVIII. 529, 573.
- CIMONE, Monte, mountain, Italy, XIII. 437.
- CINÆTHUS, poet of Chios, XXI. 466.
- CINCHONA, tree and bark, v. 780; XX. 184; cultivation of, in India, III. 568; XII. 751; on the Himalayas, XI. 833; in Peru, XVIII. 673.
- CINCHONIDINE, alkaloid in cinchona, XX. 185.
- CINCINNATI, town, Ohio, U.S.A., v. 780; XVII. 737; population, XXIII. 822; libraries, XIV. 535, 550; observatory, XVII. 715.
- CINCINNATUS, Lucius Quinctius, Roman hero, v. 784.
- CINCLUS, genus of birds, XVIII. 75.
- CINCTUS GABINUS, in Roman costume, X. 2.
- CINDER, in iron smelting, XIII. 296, 306.
- CINEAS, adviser of Pyrrhus, v. 785; XX. 136.
- CINERARIA, greenhouse plant, XII. 262.
- CINERARY URNS, XIX. 602, 623.
- CINNA, Lucius Cornelius, Roman consul, v. 785; XX. 760.
- , Corneille's play, VI. 420.
- CINNABAR, mineral, v. 785; XVI. 32, 393.
- , of Pliny, resin, VII. 389.
- RED, pigment, XIX. 87.
- CINNAMON, spice, v. 785; cultivation of, in Ceylon, v. 369; as incense, XII. 718.
- STONE, mineral, XIII. 532; XVI. 411.
- CINNAMUS, Joannes, Byzantine historian, IV. 613.
- CINNYRIS, genus of birds, XXII. 652.
- CINO DA PISTOIA (Guittocino de' Sinibuldi), Italian poet and jurist, v. 786; XIII. 502.
- CINOSTERNIDÆ, family of chelonian reptiles, XXIII. 457.
- CINQ-MARS, Vigny's romance, XXIV. 226.
- CINQ-MARS, Marquis de, French courtier, v. 786; conspiracy of, IX. 570.
- CINQUA MIGLIA, plain, Italy, XIII. 438.
- CINQUECENTO, Period of the, in architecture, II. 436, 438; Arabesque of the, II. 234.
- WORK, in cameos, IV. 739.
- CINQUEFOIL, in architecture, II. 462.
- CINQUE PORTS, England, v. 786; VIII. 218; their establishment, XVII. 279.
- CINQUE PORTS, Barons of the, III. 388.
- CINTHIO, or Cintio (Giovanni Battista Giralaldi), Italian novelist, X. 620.
- CINTO, Mont, Corsica, VI. 439.
- CINTRA, town, Portugal, v. 787.
- CINYXIS, genus of chelonian reptiles, XXIII. 457.
- CIOLEK, Stanislaus, Polish statesman, XIX. 453.
- CIOMPI, Rebellion of the, Florence, IX. 334.
- CIONE, Andrea di (Orcagna), Italian painter and sculptor, XVII. 814.
- , Jacopo, Italian painter, XVII. 814.
- , Lionardo, Italian painter, XVII. 814.
- , Matteo, Italian sculptor and mosaicist, XVII. 814.
- CIONOCRANIA, suborder of lizards, XIV. 733.
- CIPHER-WRITING, VI. 669.
- CIPOLLINO, mineral, XVI. 397.
- CIPRIANI, Giovanni Battista, Italian painter, v. 787.
- CIRCAR, province, India, v. 787.
- CIRCASSIA, region of the Caucasus, v. 787.
- CIRCASSIAN LANGUAGE, Dictionary of the, VII. 190.
- CIRCASSIANS, race of people, v. 257; Kuban tribes of, XIV. 150.
- CIRCE, in Greek mythology, v. 789; XV. 202.
- CIRCEII, ancient town, Italy, v. 789.
- CIRCESIUM, town, Mesopotamia, XVI. 48.
- CIRCLE, in geometry, X. 380; mensuration of the, XVI. 17; Archimedes on, II. 380; ratio of circumference to diameter, XXII. 434; XXIII. 563; squaring of the, XXII. 433.
- , Transit, astronomical instrument, XXIII. 515.
- CIRCLES, Stone, ancient, XXI. 51; in Peru, II. 451.
- CIRCUIT, in law, v. 789.
- CIRCUITS, Telegraphic, XXIII. 122.
- , Telephonic, XXIII. 132.
- CIRCULATION, Capillary, of the blood, XXIV. 105; Malpighi's discovery of, XV. 338.
- , Osmotic, in plants, XIX. 46.
- OF THE BLOOD, I. 899; XXIV. 98; Harvey's discovery of, XI. 503; XV. 810; in mammals, XV. 364.
- CIRCUMCELLIONES, Eastern ascetics, XVI. 701.
- CIRCUMCISION, v. 789; among the Bechuanas, III. 478; among the Malagasy, XV. 173.
- CIRCUS, Roman, v. 791; X. 65; XX. 829.
- , genus of birds, XI. 491.
- CIRENCESTER, town, England, v. 792;

- agricultural college at, I. 408; X. 688.
- CIRENCESTER, Richard of, English historian, XX. 542.
- CIREY, Haute-Marne, France, Voltaire's residence, XXIV. 287.
- CIRILLO, Domenico, Italian physician and patriot, v. 792.
- CIRPHIS, mountain, Greece, XVIII. 801.
- CIRRHA, ancient town, Greece, VI. 590.
- CIRRHIPEDIA, or Cirripedia, VI. 632, 653, 664; distribution of, VII. 279, 283; in Lankester's classification, XXIV. 813.
- CIRRHOIS OF THE LUNG, disease, XIX. 251.
- CIRRUS, cloud, XVI. 127.
- CIRTA (Constantine), ancient town, Africa, v. 793; VI. 298; XV. 609; XVII. 628.
- CISMONTANE PRINCIPLES, of Roman Catholicism, VI. 241.
- CISSA, island, Adriatic, XXI. 29.
- CIS-SUTLEJ STATES, India, v. 793.
- CISTEAUX (Citeaux, *q.v.*), village, France, v. 794.
- CISTERCIAN ABBEYS, I. 15.
- CISTERCIANS, order of monks, v. 793; XVI. 709; in England, VIII. 372.
- CISTERNS, in houses, IV. 503; XXI. 715.
- CISTICOLA, genus of birds, XXIV. 367.
- CISTUDO, genus of chelonian reptiles, XXIII. 457.
- CITATION, in law, XXII. 642.
- CITEAUX, village, France, v. 794; I. 15, 17; monastery of, I. 17; III. 601; V. 793; XVI. 709.
- CITHÆRON, mountain, Greece, v. 794; III. 58.
- CITHARA, Greek lyre, XV. 114.
- CITIES, English, growth of, VIII. 276, 303; European, population of, VIII. 705.
- CITIZENSHIP, I. 575; municipal, XVII. 27; Roman, XX. 687, 704, 736.
- CITLALTEPETL, mountain, Mexico, XVII. 845.
- CITRATE OF MAGNESIA, XV. 218.
- CITRATES, chemical salts, v. 795.
- CITRIC ACID, v. 794; XIV. 438.
- CITRINE OINTMENT, XVI. 34.
- CITRON, tree and fruit, v. 795.
- CITRUS, genus of fruit trees, XIV. 437; XVII. 810.
- CITTÀ DELLA PIEVE, town, Italy, v. 795.
- CITTÀ DI CASTELLO, town, Italy, v. 795; XX. 275.
- CITTADINI, Celso, Siennese historian, XXII. 43.
- CITTÀ VECCHIA, town, Malta, v. 796; XV. 340.
- CITY, v. 796; county of a, VI. 513; incorporated, in United States, XXIII. 827; municipal, XVII. 27, 31.
- OF DREADFUL NIGHT, Thomson's poem, XXIII. 312.
- CITY OF GOD, Augustine's work, III. 78.
- CIUDAD BOLIVAR, town, Venezuela, II. 45; XXIV. 140.
- CIUDAD DEL PRINCIPE, town, Cuba, XX. 99.
- CIUDAD DE VICTORIA, town, Mexico, VII. 553; XVI. 214.
- CIUDADELA, town, Minorca, v. 796.
- CIUDAD REAL, town, Spain, v. 796; province, XV. 458; XXII. 298.
- CIUDAD REAL, town, Mexico, XXI. 255.
- CIUDAD RODRIGO, town, Spain, v. 796; XXI. 203.
- CIULLO D'ALCAMO, Italian poet, XIII. 499.
- CIVET, carnivorous mammal, v. 796; XV. 436.
- , perfume, v. 796; XVIII. 526.
- CIVIDALE, town, Italy, v. 797.
- CIVIL COURTS, in England, VI. 516.
- CIVILIS, Claudius, Germanic leader, X. 475.
- CIVILIZATION, its earliest seats, II. 342; development of, II. 120; in relation to ethnology, VIII. 614, 624.
- , History of, Buckle's, IV. 421.
- , History of, Condorcet's, VI. 255.
- CIVIL LAW, v. 797; XX. 678.
- CIVIL LAWS OF THE EMPERORS, Syriac versions, XXII. 834.
- CIVITA CASTELLANA, town, Italy, v. 797.
- CIVITA DI CHIETI, town, Italy, v. 615.
- CIVITA DI PENNE, town, Italy, v. 797.
- CIVITAS CADURCORUM (Cahors), ancient town, France, IV. 642.
- CIVITA VECCHIA, town, Italy, v. 797.
- CIVOLI, or Cigoli, Luigi Cardi da, Italian painter, v. 776.
- CLACKMANNAN, county, Scotland, v. 798; area and population, XXI. 528; representation, XXIII. 727.
- CLADDAGH, village, Ireland, X. 57.
- CLADOBATES, mammal, minicry in, XVI. 341.
- CLADODACTYLA ROSEA, sea cucumber, XX. 411.
- CLADORHYNCHUS, genus of birds, XXII. 552.
- CLADOTRICHEÆ, group of Schizomycetes, XXI. 405.
- CLÄFEN (Chiavenna), town, Italy, v. 610.
- CLAIRAUT, Alexis Claude, French mathematician, v. 798; II. 759; on the ellipticity of the earth, VII. 600.
- CLAIRMONT, Claire, her relations with Shelley and Byron, XXI. 791.
- CLAIR-ON-EPTE, France, Treaty of (912), XVII. 539.
- CLAIRVAUX, France, Monastery of, I. 15; III. 602; v. 793.
- CLAIRVOYANCE, XV. 277; XXII. 405; in conjuring, XV. 208.
- CLAM, Soft, mussel, XVII. 110.
- CLAMECY, town, France, v. 798; XVII. 496.
- CLAN, v. 799; marriage relationships in, XXIII. 472; relationships of, among the Sawaioris, XIX. 424; totems of, XXIII. 467.
- CLANGULA, genus of birds, XVI. 824.
- CLANNY'S LAMP, for mines, VI. 73.
- CLANS KAY AND CHATTAN, Fight between, at Perth, XXI. 491.
- CLAN TARTANS, XXIII. 68.
- CLAPARÈDE, J. L. R. A. Édouard, Swiss naturalist, v. 801; on Annelida, II. 69.
- CLAPHAM, district, London, XIV. 822.
- CLAPPERTON, Hugh, African traveller, v. 801; I. 246; X. 192.
- CLARAS, Poor, religious sisterhood, IX. 693, 699; XVI. 711.
- CLARE, county, Ireland, v. 802; population and representation, XXIII. 727; transferred to Munster, XIII. 246.
- , John, English poet, v. 804.
- CLARE CONSTAT, writ, in Scots law, XXIV. 697.
- CLARE ISLAND, Ireland, XV. 650.
- CLARENCE, river, New South Wales, XVII. 408.
- , Lionel, duke of, son of Edward III. of England, XXIV. 752.
- , George, duke of, brother of Edward IV., VII. 685.
- , William, duke of (William IV. of England), XXIV. 580.
- CLARENDON, First Earl of (Edward Hyde), English statesman and historian, v. 804.
- Fourth Earl of (G. W. F. Villiers), English statesman, v. 807.
- , Constitutions of, I. 32; VIII. 372; XI. 657, 658.
- PRESS, Oxford, XVIII. 96.
- CLARES, or Claras, Poor, religious sisterhood, IX. 693, 699; XVI. 711.
- CLARET, wine, XXIV. 604.
- CLARGES, Anne, wife of General Monk, XVI. 752.
- CLARI, Giovanni Carlo Maria, Italian musical composer, v. 809.
- CLARIAS, genus of fishes, XXII. 67.
- CLARINET, musical instrument, XVII. 707, 708.
- CLARINO PART, trumpet music, XXIII. 593.
- CLARISSA HARLOWE, Richardson's novel, VIII. 430; XX. 544.
- CLARISSES, religious sisterhood, IX. 693, 699.
- CLARITE, mineral, XVI. 396.
- CLARK, B. J., American temperance reformer, XXIII. 158.
- , George Rogers, American revolutionary officer, XXIII. 745.
- , Sir James, English physician, v. 809.
- , Thomas, Scottish chemist, v. 809.
- CLARKE, Adam, Wesleyan divine, v. 809.
- , Edward Daniel, English traveller, v. 810.

- CLARKE, Samuel, English philosopher and theologian, v. 810; Butler's correspondence with, iv. 582; on deism, xxiii. 234; his conception of ethics, viii. 598.
- , Captain William, American explorer, xiv. 494.
- , W. B., on the geology of Australia, iii. 108.
- CLARKE'S FORK, river, Montana, U.S.A., xvi. 772; xxiii. 797.
- CLARK'S FILAR MICROMETER, xvi. 245; 247.
- CLARKSON, Thomas, English philanthropist, v. 813; xxii. 139; his relations with Wilberforce, xxiv. 565.
- CLARUS, Julius, on the infliction of torture, xxiii. 466.
- CLASS DISTINCTIONS, v. 186.
- CLASSICS, Early editions of the, iii. 655.
- CLASSIFICATION, Botanical, iii. 683; xvi. 845; xx. 421; xxii. 372.
- , Zoological, ii. 49; iii. 683; xvi. 845; xxii. 372; xxiv. 805.
- CLAUBERG, John, German philosopher, v. 814; vii. 126.
- CLAUDA, island, Crete, vi. 570.
- CLAUDE of France, daughter of Louis XII., ix. 555.
- of Lorraine (Claude Gélée), French painter, v. 814; Turner's rivalry of, xxiii. 664.
- of Lorraine, founder of the Guise family, xi. 265.
- , Jean, French Protestant writer, v. 814.
- CLAUDET, Antoine François, French photographer, v. 815.
- CLAUDIANUS, Claudius, Roman poet, v. 815; his place in Roman literature, xx. 727.
- CLAUDIA PROCULA, wife of Pontius Pilate, xix. 89.
- CLAUDIOPOLIS (Klausenburg), ancient town, Hungary, xiv. 107.
- CLAUDIUS, Appius Cæcus, Roman patrician, v. 816.
- , Appius Crassus, Roman decemvir, v. 816.
- , Marcus Aurelius, Roman emperor, v. 817.
- , Matthias, German poet, v. 817; x. 541.
- , Tiberius, Roman emperor, v. 816; xvii. 348; xx. 772, 773.
- QUADRIGARIUS, Q., Roman historian, xiv. 729.
- CLAUGHTON - CUM - GRANGE, part of Birkenhead, England, iii. 780.
- CLAUSEL, Bertrand, French general, i. 567.
- CLAUSENBURG, town, Hungary, xiv. 107.
- CLAUSIUS, Rudolf J. E., his theorem in dynamics, iii. 39.
- CLAUSSEN, or Claussón, Peder, Norse writer, vii. 90; xvii. 589.
- CLAUSTHAL, town, Prussia, xiv. 108.
- CLAUSTHALITE, mineral, xvi. 391.
- CLAUSTHAL TURN-TABLE, ore-dressing machine, xvi. 59.
- CLAVELINIDÆ, family of Tunicata, xxiii. 609.
- CLAVERHOUSE, John Graham of, Viscount Dundee, vii. 536; xxi. 516.
- CLAVERING, Captain, Arctic explorer, xix. 319.
- CLAVICHORD, musical instrument, xix. 65.
- CLAVICIMBALUM, musical instrument, xix. 67.
- CLAVICITERIUM, musical instrument, xix. 70.
- CLAVICLE, or Collar-bone, anatomy of, i. 826.
- CLAVICORNES, group of beetles, vi. 131.
- CLAVIÈRES, Etienne, Mirabeau's collaborator, xvi. 497.
- CLAVIGO, Goethe's play, x. 726.
- CLAVIJO, Ruy Gonzalez de, Spanish traveller, v. 817; x. 179; xxii. 354.
- CLAVIS UNIVERSALIS, Arthur Collier's work, vi. 143.
- CLAVIUS, Christopher, his calculations for the Gregorian calendar, iv. 671; on prostaphæresis, xvii. 183.
- CLAWS, of animals, xxii. 107; xv. 348.
- CLAY, x. 237; xvi. 424; for brick-making, iv. 280; for pottery and porcelain, xix. 600; used as food, by Indians, i. 703; burnt, used as manure, i. 351; in England, viii. 229; red, deposits of, in Pacific, xviii. 123.
- , Cornish, or China, xiv. 1.
- , Fire, ix. 238.
- , London, geological formation, x. 361; xvi. 279.
- , Henry, American politician, v. 817; xxiii. 762, 764, 770.
- CLAYEATERS, tribe of Indians, i. 703.
- CLAY IRONSTONE, xiii. 287.
- CLAYMORE, weapon, xxii. 801.
- CLAYTON'S BRICK-MAKING MACHINES, iv. 282.
- CLAZOMENÆ, ancient town, Asia Minor, v. 818.
- CLEANLINESS, in relation to health, xii. 568.
- CLEANTHES, Greek philosopher, v. 818; xxii. 562.
- CLEARCHUS, Spartan general, v. 818; xviii. 576.
- of Rhegium, bronze sculpture by, ii. 348.
- CLEARING-HOUSE, for banks, iii. 328.
- CLEARING NUT, xvii. 664.
- CLEAVAGE, in crystals, vi. 672; in rocks, x. 261, 306, 372; xvi. 378.
- CLEDDY, river, Wales, xviii. 481.
- CLEIRAC, on the sea laws, xxi. 583.
- CLEITOPHON, Leucippe and, classical romance, xx. 636.
- CLÉMENGES, Nicholas de, on corruptions in the church, xx. 320.
- CLEMENS ALEXANDRINUS, theologian, v. 819; as Biblical interpreter, xi. 745; on the canon of Scripture, v. 8; on the Mysteries, xvii. 128.
- CLEMENS ROMANUS, early Christian writer, ii. 195; xix. 489; on the Gospels, x. 814.
- CLEMENT I., pope, v. 821.
- II., pope, v. 821; xix. 498; xx. 790.
- III., pope, v. 821; xx. 794.
- III., antipope, xi. 255.
- IV., pope, v. 821; xiii. 475; xx. 797.
- V., pope, v. 821; xix. 501; xx. 798; his subjection to Philip IV. of France, ix. 544; suppression of the Templars under, xxiii. 164.
- VI., pope, v. 822.
- VII., pope, v. 822; xiii. 482; xv. 787; xix. 502; his attitude towards the Reformation, xx. 328.
- VII., antipope, xx. 803.
- VIII., pope, v. 822; xix. 505; his opposition to Father Sarpi, xxi. 311.
- IX., X., popes, v. 822.
- XI., pope, v. 822; xix. 507.
- XII., pope, v. 823.
- XIII., pope, v. 823; xix. 507; his relations to the Jesuits, xiii. 654.
- XIV., pope, v. 823; xix. 507; his measures against the Jesuits, xiii. 655.
- of Alexandria, v. 819, 8; xi. 745; xvii. 128.
- of Rome, ii. 195; x. 814; xix. 489.
- , François, French historian, v. 823.
- CLEMENTI, Muzio, Italian musical composer, v. 823.
- CLEMENTINE LEAGUE, xx. 328.
- CLEMENTINES, The, early work on the church, ii. 196.
- CLEMMYS, genus of chelonian reptiles, xxiii. 457.
- CLEOBULUS, Greek sage, v. 824.
- CLEOMENES I., king of Sparta, v. 824.
- III., of Sparta, v. 825; xviii. 790.
- CLEON, Athenian leader, v. 825.
- CLEOPATRA I.-VI., queens of Egypt, vii. 746, 747.
- VI., queen of Egypt, v. 826; vii. 747; xx. 769; her relations with Mark Antony, ii. 141.
- CLEOPATRA'S NEEDLES, i. 495; ii. 390; vii. 768; xvii. 703.
- CLEOPATRIS, ancient town, Egypt, xxii. 620.
- CLEOPHAS, or Clopas, of Scripture, xiii. 552.
- CLEPH, king of the Lombards, xiv. 814.
- CLEPSINIDÆ, subfamily of leeches, xiv. 404.
- CLEPSYDRA, hydraulic clock, v. 826.
- CLERC, Jean le, or Clericus, xiv. 397; his Parrhasiana, i. 785.
- CLERESTORY, in architecture, ii. 462.

- CLERGY, v. 826; an estate of the realm of England, VIII. 557.
 —, Benefit of, in law, v. 827.
- CLERGYMAN'S SORE THROAT, XXIII. 320.
- CLERICIS LAICOS, papal bull, IX. 544.
- CLERICUS (Jean le Clerc), Protestant theologian and writer, XIV. 397; I. 785.
- CLERKENWELL PRISON, London, XIV. 834.
- CLERK'S GAS-ENGINE, XXII. 524.
- CLERMONT, Count of, French general, IX. 589.
 — EN BEAUVOISIS, town, France, v. 828; XVII. 749.
- CLERMONT-FERRAND, town, France, v. 828; church of Notre-Dame-du-Port, II. 456; monastery, I. 20; opium cultivation, XVII. 792.
- CLERMONT-L'HÉRAULT, town, France, v. 828.
- CLERMONT MANUSCRIPT, of the Scriptures, v. 9.
- CLEVEDON, town, England, XXII. 258.
- CLEVELAND, town, Ohio, U.S.A., v. 828; XVII. 737; population, XXIII. 822.
 —, Duchess of, her relations with Wycherley, XXIV. 706.
 —, Grover, president of the United States, XXIII. 785.
 —, John, English poet, v. 829.
 — BAVS, breed of horses, I. 385.
 — MONUMENTS, at Bhagalpur, India, III. 626.
- CLEVES, town, Prussia, v. 829.
- CLICHY, town, France, VI. 1; XXI. 624.
- CLIENT, Patron and, Roman relationship of, XVIII. 412; XX. 669, 736.
- CLIFDEN, village, Ireland, x. 56.
- CLIFF, hills, Lincolnshire, England, XIV. 653.
- CLIFFORD, Rosamond (Fair Rosamond), mistress of Henry II., XX. 848.
 —, W. K., on evolution, VIII. 765.
- CLIFFORT, George, friend of Linnæus, XIV. 673.
- CLIFTON, town, England, VI. 1.
- CLIMATE, VI. 1; science of, XVI. 114; adaptation of animals and plants to, I. 84; affected by cosmical causes, x. 218; James Croll on, x. 218.
- CLIMAX, mountain pass, Asia Minor, XV. 93.
- CLIMBERRUM (Auch), ancient town, France, III. 67.
- CLINE, Henry, his experiments in vaccination, XIII. 623.
- CLINICAL THERMOMETER, XXIII. 292.
- CLINKSTONE, rock, x. 234.
- CLINOCHLORE, mineral, XVI. 414.
- CLINOCLASE, mineral, XVI. 406.
- CLINTON, town, Iowa, U.S.A., VI. 7.
 —, town, Massachusetts, U.S.A., VI. 7.
 —, De Witt, American statesman, VI. 7.
- CLINTON, Sir Henry, British general, XXIII. 744.
 —, Henry Fynes, English scholar, VI. 7.
- CLINTONITE, mineral, XVI. 413.
- CLIO, Muse of history, XVII. 74.
- CLIONE, genus of Mollusca, XVI. 667.
- CLIPPING, of coins, XVI. 482.
- CLISSON, Oliver, constable of France, IX. 548.
- CLISTENTERATA, group of Brachiopoda, IV. 189, 194.
- CLISTHENES, tyrant of Sicily, XXII. 32.
- CLITANDRE, Corneille's play, VI. 420.
- CLITARCHUS, on the taking of Persepolis, XVIII. 559.
- CLITHEROE, town, England, VI. 7.
- CLITO, William of, son of Robert of Normandy, IX. 539.
- CLITOMACHUS, Greek philosopher, VI. 8.
- CLITOR, ancient town, Greece, VI. 8.
- CLITUS, killed by Alexander, I. 483.
- CLIVE, Lord, of Plassy, VI. 8; in India, XII. 800; at siege of Arcot (1751), II. 478.
- CLOACÆ, sewers, Roman, XX. 814.
- CLÖBBERGOLL, social institution, Pelew Islands, v. 126.
- CLOCK, VI. 13; XXIII. 392; driving, for telescope, XXIII. 154; hydraulic, v. 826.
- CLOCK-MAKING, in Switzerland, XXII. 779.
- CLODION, Claude Michel, French sculptor, XXI. 563.
- CLODIUS, Christian August, his relations with Goethe, x. 722.
 —, Publius, Roman tribune and demagogue, XVI. 323; XX. 765; his opposition to Cicero, v. 771.
- CLODOALD, or Cloud, founder of St Cloud, France, XXI. 160.
- CLOËON, insect, larval stage of, VIII. 457.
- CLOGG ALMANACS, I. 590.
- CLOG-SHOES, XXI. 830.
- CLOISONNÉE, partitioned artistic work, in enamelling, VIII. 183; XIII. 679; in mosaics, XVI. 850; Japanese, XIII. 591.
- CLOISTER, VI. 35; I. 12.
- CLONCURRY, district, Queensland, XX. 172.
- CLONES, town, Ireland, XVI. 718.
- CLONMACNOISE, Ireland, its seven churches, XIV. 87.
- CLONMEL, town, Ireland, VI. 36; XXIII. 406.
- CLONTARF, Ireland, Battle of (1014), XIII. 254; XXI. 479.
- CLOONFINLOUGH, Ireland, Crannog of, VI. 552.
- CLOOTZ, Jean Baptiste, Baron, French Revolutionist, VI. 37.
- CLOPAS, or Cleophas, of Scripture, XIII. 552.
- CLOSTER SEVEN, Prussia, Capitulation of (1757), v. 74; VI. 706; IX. 588.
- CLOT, Antoine, French physician, VI. 37.
 —, Bernat des, Catalan chronicler, XXII. 363.
- CLOTH, dressed by calendering, IV. 682; painted, in wall decoration, XVII. 37; printing on, IV. 684; trade in, at Leeds, XIV. 407; weaving of, XXIV. 463, 466; ancient weaving of, XXIII. 206; woollen, XXIV. 661.
- CLOTHING, in relation to health, XII. 568; of British army, II. 588.
- CLOTILDA, St, wife of Clovis, VI. 37; IX. 529.
- CLOTTED CREAM, VI. 771.
- CLOUDS, XVI. 126, 138; their connexion with the aurora, III. 91.
 —, The, of Aristophanes, II. 508.
- CLOUGH, Arthur Hugh, English poet, VI. 37.
- CLOVER, first introduced by Weston, I. 297; culture of, I. 375.
 — SEED, I. 383.
- CLOVES, tree and fruit, VI. 38; XII. 817; yield of, in Amboyna, I. 661.
- CLOVESHOE (Abingdon), England, Synod of (747), VIII. 371.
- CLOVIO, Giulio, Italian painter, VI. 38.
- CLOVIS, king of the Franks, IX. 528; x. 476; XVIII. 287; conversion of, XX. 378.
- CLOWES, John, Swedenborgian clergyman, XXII. 760.
 —, William, Methodist preacher, XVI. 192.
- CLOWN, jester, IX. 366.
- CLOYNE, town, Ireland, VI. 38.
- CLUB, CLUBS, early types, VI. 38; XI. 259; modern, VI. 41; the Kit-Cat, XIV. 103; rowing, XXI. 31; scientific and literary, XXII. 221; social, VI. 38.
- CLUB-FOOT, VI. 42.
- CLUB-HAULING, of ships, XXI. 600.
- CLUB-MOSSES, XV. 95.
- CLUFF, English Plymouthist, XIX. 239.
- CLUGIA (Chioggia), town, Italy, v. 674.
- CLUGNI, or Cluny (*q.v.*), town and abbey, France, I. 14; v. 794; VI. 43.
- CLUNIAC MONASTERIES, I. 14.
- CLUNIAC MONKS, v. 793.
- CLUNV, town, France, I. 14; VI. 43; monastery of, v. 794; XVI. 708; library in, XIV. 513.
 — MUSEUM, Paris, XVIII. 282.
- CLUPEA, genus of fishes, XI. 764; XVI. 10; XIX. 90, 275; XXI. 726; XXII. 432.
- CLUSIUM (Chiuse), ancient town, Italy, v. 676; VIII. 635.
- CLUSIUS (Charles de l'Escluse), on the potato plant, XIX. 59.
- CLUTHA, river, New Zealand, XVII. 467.
- CLUVER, Philip, German geographer, VI. 43.
- CLYDE, river, Scotland, VI. 43; XIV. 250; XX. 395; dredging of, VII. 466;

- improvement works, XX. 579; navigation, X. 640.
- CLYDE, Lord, British general, VI. 43.
- CLYDESDALE HORSES, I. 385.
- CLYMENE AMPHISTOMA, species of Annelida, II. 67.
- CLYTÆMNESTRA, wife of Agamemnon, VI. 44; XVII. 827.
- CNICNODE, CNICTROPE, in geometry, XXII. 669.
- CNIDUS (Tekir), ancient town, Asia Minor, VI. 44; battle of (394 B.C.), XI. 103; XVIII. 578; Greek school of medicine at, XV. 800; lion-tomb at, II. 412.
- CNOSSUS, town, Crete, VI. 44.
- CNUT, or Canute, Danish and English king, V. 39; VIII. 287.
- COACH, and coach-making, V. 135, 137.
- COAHUILA, state, Mexico, XVI. 214.
- COAL, VI. 45; X. 238; XVI. 429; anthracite, in United States, XXIII. 811; combustion of, and its products, XXII. 180; for gas-making, X. 88; production of, XVI. 467; for steam-boilers, XXII. 500, 519; in Australia, III. 109; in Brazil, IV. 224; in China, V. 633, 634, 637, 639; in England and Wales, VIII. 226; in India, XII. 737, 764; industry, in United States, XXIII. 812. See also Coalfields, below.
- COALBROOKDALE, Shropshire, England, XXI. 847.
- COAL CUTTING, Machines for, VI. 67.
- COAL-DUST FURNACE, IX. 844.
- COALFIELDS AND COAL-MINES, of Belgium, III. 523; of Bengal, III. 568; British, VI. 49; of British Columbia, VI. 169; in Formosa, China, IX. 416; of Derbyshire, England, VII. 107; of Lancashire, England, XIV. 252; of Northumberland, England, XVII. 566; of Staffordshire, England, XXII. 442; of France, IX. 522; of Germany, X. 453; of India, III. 371; of Ireland, II. 142; XIII. 217; of Labuan, Indian Archipelago, XIV. 178; of New South Wales, XVII. 409; of Prussia, XX. 15; of Queensland, XX. 173; of Russia, XXI. 85; of Fifeshire, Scotland, IX. 150; of Lanarkshire, Scotland, XIV. 250; of Linlithgowshire, Scotland, XIV. 669; of Silesia, XXII. 53; of the United States, I. 680; of Colorado, U.S.A., VI. 161; of Kentucky, U.S.A., XIV. 42; of Missouri, U.S.A., XVI. 525; of Pennsylvania, U.S.A., XVIII. 501; of West Virginia, U.S.A., XXIV. 518.
- COAL-MEASURES, in geology, X. 349.
- COAL-MINING, VI. 61; XXIII. 811. See also article Mining, XVI. 440.
- COAL-TAR, XXIII. 57; aniline from, II. 47; as fuel in iron-smelting, XIII. 293; naphtha from, XVII. 174.
- COANZA, river, Africa, VI. 81; I. 254.
- COAPIM, kind of grain, XVI. 321.
- COAST SURVEYS, XVII. 262.
- COATBRIDGE, town, Scotland, VI. 81.
- COATI, or Coati-mundi, carnivorous mammal, XV. 441.
- COAT OF ARMS, XI. 683.
- COAT OF MAIL, II. 556.
- COATS, Captain, Arctic explorer, XIX. 318.
- COB, horse, XII. 190.
- COBALT, chemical element, VI. 81; V. 535; cyanide of, XX. 23; magnetization of, XV. 256, 261; mines of, in Chili, V. 622; ores of, XVI. 58.
- BLUE, pigment, VI. 82; XIX. 87.
- GREEN, pigment, VI. 82; XIX. 88.
- COBALTITE, mineral, XVI. 390.
- COBALTSPATH, mineral, XVI. 398.
- COBAN, town, Central America, VI. 83.
- COBBETT, William, English political writer, VI. 83; his Weekly Register, XVII. 419.
- COBDEN, Richard, English politician, VI. 85; VIII. 366.
- COBEQUID MOUNTAINS, Nova Scotia, XVII. 601.
- COBHAM, Lord (Sir John Oldecastle), Lollard martyr, XIV. 812; XVII. 753.
- COBIJA, town, Bolivia, VI. 89.
- COBITIDINA, genus of fishes, XIV. 741.
- COBLENTZ, town, Prussia, VI. 89; XX. 21; bridge at, IV. 339.
- COB NUT, XVII. 664.
- COBOURG, town, Ontario, Canada, XVII. 775.
- COBRA, genus of snakes, VI. 90; XII. 743; XXII. 196.
- COBURG, town, Germany, VI. 91; XXI. 347; duchy, XXI. 347.
- COCA, or Cuca, plant, VI. 684; XVIII. 673.
- , river, South America, VII. 646.
- COCAINE, vegetable alkaloid, VI. 685.
- COCAJO, Merlino (T. Folengo), Italian poet, IX. 355.
- COCCACEÆ, class of Schizomycetes, XXI. 405.
- COCAJO, Merlino (T. Folengo), Italian poet, IX. 355.
- COCCEIUS, Joannes, Dutch theologian, VI. 91.
- COCCI, cells in Schizomycetes, XXI. 402.
- COCCIDIIDEA, subclass of Protozoa, XIX. 854.
- COCCINITE, mineral, XVI. 384.
- COCCOLITE, mineral, XVI. 416.
- COCCOTHAUSTES, genus of birds, XI. 533.
- COCCULUS INDICUS, adulterant for beer, I. 172.
- COCCUS CACTI, cochineal insect, VI. 97.
- COCCUS CERIFERUS, wax-bearing insect, XXIV. 459.
- COCCUS LACCA, lac-yielding insect, XIV. 181.
- COCCUS VERMILIO, kermes-yielding insect, XIV. 49.
- COCCUS VITIS, vine pest, XXIV. 238.
- COCCYGOMORPHÆ, group of birds, III. 715.
- COCYX, Anatomy of the, I. 821.
- COCH, Johann (Cocceius), Dutch theologian, VI. 91.
- COCHABAMBA, town, Bolivia, VI. 91; department, IV. 10.
- COCHIN, state, India, VI. 91; town, VI. 92.
- CHINA, country, Asia, VI. 92; II. 685.
- COCHIN-CHINA FOWLS, I. 401; XIX. 645.
- COCHINEAL, dyestuff, VI. 97; VII. 574.
- INSECT, IV. 626; XIII. 153.
- COCHLEA, of the ear, I. 893.
- COCHLEARIA, genus of plants, XII. 207.
- COCHRANE, Robert, favourite of James III. of Scotland, XXI. 495.
- , Thomas, tenth earl of Dundonald, VII. 539.
- COCKAMAROO, Russian bagatelle, III. 230.
- COCK AND HEN PADDLE, fish, XV. 65.
- COCKATOO, bird, VI. 98; XVIII. 322.
- COCKATRICE, fabulous animal, VI. 98.
- COCKBURN, Lord, Scottish judge, VI. 99.
- , Mrs Alison, Scottish ballad-writer, VI. 98.
- , Sir George, British admiral, VI. 99.
- COCKCHAFER, beetle, VI. 131; as vine pest, XXIV. 238; as wheat pest, XXIV. 536.
- COCKER, Edward, English arithmetician, VI. 99; II. 527.
- COCKERELL, Charles Robert, English architect, VI. 99; his excavations at Bassæ, XVIII. 735.
- COCKERILL, John, his machine works at Seraing, Belgium, XXI. 674.
- COCKERMOUTH, town, England, VI. 99.
- COCKING'S PARACHUTE, I. 201.
- COCKLE, mollusc, VI. 100; XVI. 688.
- COCK-OF-THE-WOOD, bird, V. 54.
- COCKROACH, insect, VI. 100; XIII. 152.
- COCKSCOMB MOUNTAINS, British Honduras, XII. 133.
- COCLES, Horatius, Roman hero, VI. 100.
- COCOA, or Cacao, tree and fruit, VI. 100; adulterations of, I. 170; culture of, in Philippines, XVIII. 751; in Venezuela, XXIV. 140.
- BUTTER, vegetable fat, XVII. 744.
- COCOA-NUT, VI. 103; XVII. 664.
- COCOA-NUT OIL, XVII. 744.
- COCOA-NUT PALM, VI. 103; XVIII. 190; of Ceylon, V. 363.
- COCO DE MER, tree and fruit, Seychelles Islands, XVIII. 191; XXI. 726.
- COCOON, of bees, III. 492; of moths, IV. 594; of the silkworm, XXII. 58.
- COCOS, genus of palms, XVIII. 190.
- ISLANDS, Indian Ocean, XIV. 26; XXII. 586.

- COCX, or Coques, Gonzalez, Flemish painter, VI. 368.
- COCYTUS, river, Greece, VI. 103.
- , legendary river, VI. 103; XXII. 614.
- COD, fish, VI. 103; XII. 691; organs of touch in the, XXIII. 478; fishery, off Newfoundland, XVII. 384; North Sea fishery, IX. 255.
- CODE, body of laws, VI. 104.
- CODEIA, alkaloid in opium, XVII. 793.
- CODE NAPOLÉON, IX. 614; XVII. 205.
- CODES, of Roman law, XX. 710.
- CODEX, writing tablets, XVIII. 143; ancient manuscript, XVIII. 144.
- ALEXANDRINUS, MS. of the Scriptures, I. 496.
- AUREUS, MS. of the Gospels, XXIII. 553.
- BEZÆ, MS. of Gospels and the Acts, I. 123; III. 646; in university library, Cambridge, IV. 730.
- EPHRAEMI, MS. of New Testament, III. 646.
- JURIS ECCLESIASTICI ANGLICANI, of Bishop Gibson, X. 586.
- OF JUSTINIAN, XIII. 794; XX. 712.
- SINAITICUS, MS. of the Scriptures; III. 646; XIV. 533; XXIII. 409.
- VATICANUS, MS. of New Testament, III. 646.
- CODICANAL (Kodaikanal), town, India, XV. 192.
- CODICIL, to a will, XXIV. 571.
- CODIFICATION, of law, VI. 106.
- CODILLA, of flax, IX. 298.
- COD-LIVER OIL, VI. 104; XVII. 744.
- CODOGNO, town, Italy, VI. 107.
- CODOMANNUS (Darius III.), king of Persia, VI. 826; XVIII. 581.
- CODRINGTON, Sir Edward, British admiral, VI. 107.
- CODRUS, king of Athens, VI. 107; II. 476.
- COEFFICIENT, in algebra, I. 519.
- COEFFICIENTS, Laplace's, XIV. 303.
- COEHORN, Menno, Baron van, Dutch military engineer, VI. 107; on fortification, IX. 441, 462.
- CELA, Pass of, Thessaly, Greece, XXIII. 299.
- CELEBS IN SEARCH OF A WIFE, by Hannah More, XVI. 814.
- CELENTERA, or Cœlenterata, group of animals, VI. 107, 369; I. 129; XII. 547; XVIII. 259; embryology of, XX. 419; histology of, XII. 7; reproduction of, XX. 408; skeletal structures of, XXII. 106; in Lankester's classification, XXIV. 812.
- CELESTINE, mineral, XXII. 607.
- CELESTINUS I., pope, V. 291; XIX. 491. See Celestine.
- CELESTIUS, Pelagian teacher, III. 77; XVIII. 471.
- CELESYRIA, Roman province, Asia Minor, XIV. 393; XXII. 822; XXIII. 654.
- COELHO, Estevan, Portuguese poet, XIX. 555.
- CÆLIAN HILL, Rome, XX. 828.
- CÆLIUS AURELIANUS, Roman medical writer, III. 86; XV. 804.
- COELLO, Alonso Sanchez, Spanish painter, VI. 108.
- CÆLOCORMIDÆ, family of Tunicata, XXIII. 617.
- COEN, Jan Pieterszoon, founder of Batavia, Java, VI. 108; XII. 820.
- CENINA, ancient town, Italy, XIV. 344.
- CENOBIA, monastic communities, I. 10, 11; VI. 109; XVI. 700.
- COENRED, Northumbrian king, XVII. 570.
- CENURUS CEREBRALIS, animal parasite, XXIV. 206.
- CERULEOLACTIN, mineral, XVI. 405.
- CÆSYRA, wife of Pisistratus, XIX. 131.
- COETLOGON, Denis de, his Universal History of Arts and Sciences, VIII. 197.
- CŒUR, Jacques, early French trader and economist, VI. 109; V. 411.
- DE LION, Richard I. of England, XX. 539.
- COFFEE, VI. 110; adulterations of, I. 169; use of chicory in, V. 615; cultivation of, in Arabia, II. 237; in Brazil, IV. 227; in Cuba, VI. 681; in Celebes, V. 289; in Ceylon, V. 369; in India, XII. 750; in Java, XIII. 603; in the Philippines, XVIII. 751; in Sumatra, XXII. 639; in Venezuela, XXIV. 140.
- HOUSES, origination of, VI. 110.
- RAT, in Sumatra, XXII. 639.
- COFFER-DAMS, in engineering, VI. 114; IV. 325.
- COFFIN, IX. 824; of clay, XIX. 605; of wicker work, V. 330.
- COGGIA'S COMET, II. 815.
- COGIDUBNUS, British king, XXII. 725.
- COGITO ERGO SUM, Descartes's proposition, V. 142.
- COGNAC, town, France, VI. 116.
- , brandy, IV. 216.
- COGNI, Konia, or Koniye, town, Asiatic Turkey, XII. 696.
- COGNITION, XX. 40; in relation to logic, XIV. 797; Fichte's theory of, IX. 137; Hume's, XII. 353; Kant on, XIII. 851.
- COGNIZANCE, or Badge, in heraldry, XI. 709.
- COHELETH, Book of Ecclesiastes, VII. 624.
- COHEN, Francis (Sir Francis Palgrave), English historian, XVIII. 182.
- COHESION, in capillary action, V. 56.
- COHN, F., his researches on protoplasm, XIX. 829; on Schizomycetes, XXI. 399.
- COHOES, town, New York, U.S.A., VI. 116.
- COIGNET, Michael, Flemish cartographer, XVII. 253.
- COIMBATORE, district, India, VI. 116.
- COIMBRA, town, Portugal, VI. 117; XIX. 537; observatory at, XVII. 713; university, XXIII. 839, 851.
- COIN, town, Spain, VI. 117.
- COINAGE, XVI. 723; XVII. 628; counterfeit, I. 176; of gold and silver, IV. 518; depreciation of, XVI. 726; relations to units of weight, XXIV. 482; British, XVI. 480; French, IX. 525; ancient Lydian, XV. 100; in Tibet, XIV. 498.
- , Decimal, VII. 20.
- COINING, XVI. 480; Boulton's apparatus for, IV. 173.
- COINS, XVII. 628; Etruscan, VIII. 641; Greek and Roman bronze, IV. 367; Tibetan, XIV. 498.
- COIR, fibre, VI. 103.
- COIRE, town, Switzerland, VI. 117; XXII. 778.
- COITER, Volcher, on birds, XVIII. 4.
- COIX LACHRYMA, species of grasses, XIII. 703.
- COJUTEPEC, town, San Salvador, VI. 118.
- COKE, fuel, VI. 46, 118; use of, for smoke abatement, XXII. 182.
- , Sir Edward, English lawyer, VI. 119; rival of Bacon, III. 202.
- , Thomas, American Methodist, XVI. 192.
- COKUM BUTTER, vegetable fat, XVII. 744, 746.
- COLAC, lake, Victoria, Australia, XXIV. 216.
- COLÆUS, Samian navigator, XXI. 249.
- COLA NUT, XVII. 664.
- COLAPTES, genus of birds, XXIV. 652.
- COLAR, district, India, XIV. 136.
- COLAXAIS, Scythian hero, XXI. 576.
- COLAY, lake, Ecuador, VII. 646.
- COLBATH, Jeremiah J. (Henry Wilson), vice-president of United States, XXIV. 590.
- COLBERG, town, Prussia, VI. 121.
- COLBERT, Jean Baptiste, French statesman, VI. 121; IX. 574; his economic policy, XIX. 356.
- COLCHAGUA, province, Chili, V. 617.
- COLCHESTER, town, England, VI. 123; house of Austin Canons at, I. 19.
- , Lord, English statesman, VI. 124.
- COLCHICINE, vegetable alkaloid, VI. 125.
- COLCHICUM, plant, VI. 124.
- COLCHIS, ancient country, Caucasus, VI. 125; XVI. 437; coins of, XVII. 645.
- COLD, Death from, XV. 781.
- , catarrh, V. 218.
- BLAST FURNACE, XIII. 317.
- COLDSTREAM, town, Scotland, VI. 125.
- COLD-WATER CURE, hydropathy, XII. 542.
- COLD WAVES, of air, in United States, XXIII. 805.
- COLE, W., English physician, XV. 811.
- COLEBROOKE, Henry Thomas, English Orientalist, VI. 125; I. 517.
- COLEMAN, Edward, English veterinary teacher, XXIV. 199.

- COLENZO, J. W., bishop of Natal, XVII. 242; on the Pentateuch, XVIII. 512.
- COLEOPTERA, order of insects, VI. 126, XIII. 148; mimicry in, XVI. 343.
- COLERAINE, town, Ireland, VI. 134.
- COLERIDGE, Hartley, English writer, VI. 135.
- , Sir John Taylor, English lawyer and critic, VI. 135.
- , Samuel Taylor, English poet, VI. 135; as dramatist, VII. 438; as journalist, XVII. 417; his sonnets, XXII. 262; his place in English literature, VIII. 433; his relations with Southey, XXII. 290; with Wordsworth, XXIV. 669.
- , Sara, English writer, VI. 138; translator, VII. 308.
- COLEROON, branch from the Kaveri, India, XIV. 19; XXIII. 47.
- COLERUS, Johannes, biographer of Spinoza, XXII. 402.
- COLESHILL, town, England, XXIV. 379.
- COLET, John, dean of St Paul's, London, VI. 139; VIII. 414.
- , Louise Revoil, French poetess and novelist, VI. 139.
- COLEUS, stove plant, XII. 266.
- COLFAX, Schuyler, vice-president of United States, XXIII. 788.
- COLIC, disease, VI. 140.
- COLIGNI, or Coligny, Gaspard de, admiral of France, VI. 140; IX. 559.
- COLIGNY, House of, IX. 559.
- COLIMA, town, Mexico, VI. 141; XVI. 214; state, XVI. 214; mountain, XVI. 215.
- COLIN, bird, XX. 147.
- , Alexander, Flemish sculptor, VI. 141.
- CLOUT, Skelton's song, XXII. 120.
- CLOUT'S COME HOME AGAIN, Spenser's poem, XXII. 394.
- COLIUS, genus of birds, XVII. 6.
- COLL, Bernat des, Catalan chronicler, XXII. 364.
- COLLAERT, Hans, Flemish engraver, VI. 141.
- COLLAR-BONE, Anatomy of the, I. 826.
- COLLARD, W. F., pianoforte maker, XIX. 75.
- COLLAS, Peruvian tribe, XVIII. 676.
- COLLÉ, Charles, French dramatist, VI. 141.
- COLLE, Raffaella del, Italian painter, VI. 142.
- COLLECTARIUM, liturgical service book, XIV. 710.
- COLLECTIVISM, economic basis of socialism, XXII. 207.
- COLLEGE, VI. 142; XXIII. 834, 837.
- COLLÉGE DE FRANCE, XXIII. 851.
- COLLÉGES DE RHÉTORIQUE, in Dutch literature, XII. 91.
- COLLEGIA, Roman guilds, VI. 432; XI. 260.
- COLLEGIANT BROTHERHOOD, Dutch religious sect, XXII. 400.
- COLLEGIUM CURIOSUM, academy, in Germany, I. 71.
- COLLEMBOLA, group of insects, XIII. 153.
- COLLENCYMA, tissue in plants, XII. 18.
- COLLEONI, Bartolomeo, Statue of, at Venice, XXI. 568; XXIV. 156, 176.
- COLLET, John, English caricaturist, V. 104.
- COLLETT, J. Camilla, Norwegian novelist, XVII. 592.
- COLLETTA, Pietro, Italian historian, XIII. 514.
- COLLIBERTS, or Cagots, race of people, France, IV. 641.
- COLLIE, dog, VII. 326.
- COLLIER, Arthur, English metaphysician, VI. 143.
- , Jeremy, English divine, VI. 145; on the English stage, VII. 436.
- COLLIERIES, in England and Wales, VIII. 226; modes of working, VI. 64. See Coal, Coalfields, and Coal-Mining.
- COLLIMATOR, optical instrument, XVII. 800; in spectroscopy, XXII. 373.
- MAGNET, XV. 238.
- COLLING, Messrs, breeders of shorthorn cattle, I. 303.
- COLLINGWOOD, suburb of Melbourne, Victoria, XV. 836.
- , Lord, English admiral, VI. 145.
- COLLINS, Anthony, English philosopher, VI. 146; XXIV. 644; his Discourse of Freethinking, VII. 35.
- , Mortimer, English poet and novelist, VI. 147.
- , Samuel, English anatomist, I. 813.
- , William, English painter, VI. 148.
- , William, English poet, VI. 148.
- COLLINSON, Captain, Arctic explorer, XIX. 321.
- COLLISION, at sea, XXI. 601.
- COLLOCALIA, genus of birds, XXII. 760.
- COLLODION, its composition and uses, VI. 149.
- PROCESS, in photography, XVIII. 824.
- COLLOQUE, French presbytery, XIX. 693.
- COLLOQUIA, of Erasmus, VIII. 512.
- MENSALIA, of Luther, I. 785.
- COLLOREDO, Lazarus Johannes Baptista, parasite-bearing monster, XVI. 766.
- COLLOT D'HERBOIS, Jean Marie, French Revolutionist, VI. 149.
- COLMAN, George, the Elder, English dramatist, VI. 149; VII. 438.
- , George, the Younger, English dramatist, VI. 150.
- COLMAR, town, German Alsace, VI. 150.
- COLMATA, or Warping, method of reclaiming land, I. 406; XIII. 367.
- CÖLN (Cologne, *q.v.*), town, Germany, VI. 151.
- COLNE, river, Herts, England, XI. 771; XVI. 279; XXIII. 220.
- , river, Essex, England, VIII. 552.
- COLNE, town, England, VI. 150.
- COLOBOMA OF THE IRIS, eye disease, XVII. 782.
- COLOBUS, genus of apes, II. 151.
- COLOCYNTH, plant and drug, VI. 150.
- COLOGNA, town, Italy, VI. 151.
- COLOGNE, town, Rhenish Prussia, VI. 151; XX. 16, 21; architecture of churches, II. 431; sculptures in cathedral, XXI. 565; university of, XXIII. 840, 848; Wallraf-Richartz museum, XXI. 445; congress of Old Catholics at (1872), XVII. 755.
- COLOMBIA, United States of, South America, VI. 152; I. 712; XXIV. 141; under Bolivar, IV. 9; Indian tribes, XII. 828; mines, XVI. 471; railways, XX. 252.
- COLOMBINI, Giovanni, Italian writer, XIII. 505.
- COLOMBO, town, Ceylon, VI. 157.
- COLON, territory, Venezuela, XXIV. 140.
- (Aspinwall), town, Panama, II. 716; XVIII. 209.
- COLONEL JACK, Defoe's work, VII. 29.
- COLONEUS, (Edipus, Sophocles's drama, XXII. 272.
- COLONIA, town, Uruguay, XXIV. 15.
- COLONIAL GOVERNMENT, XI. 20.
- COLONIES, VI. 158; growth of and commerce with, VI. 202; their legal relations to aboriginal tribes, XIII. 196; British, in America, their relations to the crown, XXIII. 730, 736; Roman, XX. 745.
- COLONIZATION, Wakefield's theories of, XXIV. 319.
- COLONNA, Giacomo, bishop of Lombez, France, XVIII. 707.
- , Giovanni Paolo, Italian composer, VI. 157.
- , Otto di (Pope Martin V.), XV. 582.
- , Sciarra, mediæval Roman senator, XX. 798.
- , Vittoria, Neapolitan princess and poetess, VI. 157; friend of Michelangelo, XVI. 234.
- FAMILY, Rome, XX. 796, 804, 806.
- COLONNE, Guido delle, Italian writer, XIII. 499; XX. 639.
- COLONUS, Roman cultivator, XXII. 135.
- COLONY, VI. 158. See Colonies.
- COLOPHON, ancient town, Asia Minor, VI. 161.
- , in bibliography, VI. 161.
- COLOPHONITE, mineral, XVI. 411.
- COLOPHONIUS, Nicander, Greek poet, XVII. 476.
- COLOPHONY, rosin, VI. 161; XX. 852; XXIV. 242.
- COLOQUINTIDA (Colocynth), plant, VI. 150.
- COLORADO, State, U.S.A., VI. 161; population, XXIII. 802; mines of, XVI. 470; XXIII. 815.
- BEETLE, VI. 134, 163.
- COLORADOITE, mineral, XVI. 394.
- XXV. — 14

- COLORADO MOUNTAINS, U.S.A., XXIII. 796.
- COLORADO RIVER, U.S.A., VI. 163; XVII. 367; XVIII. 116; XXIII. 203; cañons of, XXIII. 799.
- COLOSSÆ, ancient town, Asia Minor, VI. 164.
- COLOSSEUM, amphitheatre at Rome, I. 774; II. 419; dedication of, XXIII. 420.
- COLOSSIANS, Epistle to the, VI. 164; its relation to the Epistle to Ephesians, VIII. 463.
- COLOSSUS, statue at Rhodes, VI. 166; II. 365; XX. 526.
- COLOT, Laurence, French surgeon, XXII. 676.
- COLOUR, Sensations of, VIII. 823; ideas of the ancients about, XIV. 577; its application to architecture, II. 454; in crystals, XVI. 372; of metals, XVI. 68; animal mimicry of, XVI. 343; photography of, XVIII. 834; Goethe's investigations on, X. 734; Newton's, XVII. 440; Schopenhauer's, XXI. 450.
- , Acoustic, timbre, I. 118.
- BLINDNESS, VIII. 824; XIV. 579; affected by magnetism, XV. 282; Dalton's exposition of, VI. 784.
- CORRECTION, of object glasses, XXIII. 141.
- COLOURED RACE, in United States, XXIII. 821.
- COLOUR PRINTING, XXIII. 708.
- COLOURS, used by artists, XVIII. 138; XIX. 85; in dyeing, VII. 574; steam, in calico printing, IV. 690; vegetable, XIX. 52.
- COLSTON, Edward, English merchant, VI. 166.
- COLSTON'S HOSPITAL, Bristol, England, V. 446.
- COLT, Samuel, inventor of the revolver, VI. 166.
- COLTA, lake, Ecuador, VII. 646.
- COLUBER, genus of snakes, XXII. 194.
- COLUCCIO SALUTATI, Italian scholar, XX. 802.
- COLUMBA, Celtic saint, VI. 167; XIII. 204, 249; his mission in Scotland, XXI. 474; monastic rule of, XVI. 706.
- COLUMBÆ, group of birds, VII. 379; XVIII. 46.
- COLUMBANUS, Irish monk, VI. 167; monastic rule of, XVI. 707.
- COLUMBELLA (Dyveke), mistress of Christian II. of Denmark, VII. 587.
- COLUMBIA, town, South Carolina, U.S.A., VI. 168; XXII. 288.
- , British, North America, VI. 169.
- , District of, U.S.A., VI. 168; XXIV. 382; population, XXIII. 802.
- COLLEGE, New York, U.S.A., XVII. 456, 461; XXIII. 857.
- RIVER, U.S.A., XVII. 822; XVIII. 116; XXIII. 798; XXIV. 386.
- COLUMBINE, of the pantomime, XVIII. 216.
- COLUMBITE, mineral, XVI. 427.
- COLUMBO, Matthieu R., on the vascular system, I. 809; XXIV. 95.
- COLUMBUS, town, Georgia, U.S.A., VI. 171.
- , town, Ohio, U.S.A., VI. 170; XVII. 737.
- , Christopher, discoverer of America, VI. 171; I. 707; IX. 82; X. 180; XIII. 375.
- , Johan, Swedish poet, XXII. 755.
- , M. R., Italian anatomist, I. 809; XXIV. 95.
- , Samuel, Swedish poet, XXII. 755.
- COLUNCILLE, or Columba (*q.v.*), Celtic saint, VI. 167; XIII. 249.
- COLUMELLA, Lucius Junius Moderatus, Roman writer on agriculture, VI. 176; XIX. 350.
- COLUMN, in architecture, II. 462; Caryatic, II. 407; Corinthian, II. 407; Doric, II. 403; Egyptian, II. 391; Persian, II. 400; Roman, XX. 831; Roman Corinthian, II. 416; Roman Doric, II. 418; Roman Ionic, II. 417.
- , strength of, XXII. 606.
- COLVILL, Surgeon-Major, his observations on the plague, XIX. 159.
- COLVILLE RESERVATION, Washington Territory, U.S.A., XXIV. 386.
- COLYMBIDÆ, family of birds, VII. 292; XV. 2.
- COLZA, plant, I. 383; VI. 176.
- OIL, VI. 176; XVII. 744; XX. 273.
- COMACCHIO, town, Italy, VI. 177; eel beds of, VII. 693; lagoons of, XIX. 251.
- COMAN, Turkish tribe, XXIII. 660.
- COMANA, ancient town, Pontus, Asia Minor, VI. 177; XIX. 459.
- (Chryse), ancient town, Cappadocia, Asia Minor, VI. 177; temple of Bellona at, V. 75.
- COMANCHES, North-American Indians, VI. 177.
- COMAYAGUA, town, Honduras, XII. 131; department, VI. 177.
- COMB, VI. 177; manufacture of, at Aberdeen, I. 42.
- , of bees, III. 489.
- COMBACONUM, town, India, VI. 178; XXII. 47.
- COMBAT, Judicial, VII. 511; XVII. 820.
- COMBATIVENESS, in phrenology, XVIII. 844.
- COMBE, Abram, disciple of Robert Owen, XVIII. 88.
- , Andrew, Scottish physiologist, VI. 179.
- , George, Scottish physiologist, VI. 179; XVIII. 844.
- , William, English writer, VI. 180.
- COMBERMERE, Viscount, English general, VI. 181.
- COMBINATIONS, among workmen, VI. 181; XXIII. 499.
- COMBO, British colony, West Africa, X. 59.
- COMBUSTION-HEAT, of oil, as compared with coal, XVIII. 239.
- COMÉDIE HUMAINE, Balzac's, III. 304.
- COMEDONES, skin disease, XXII. 121.
- COMEDY, VII. 395; Greek, II. 508.
- OF ERRORS, Shakespeare's play, XXI. 763.
- COMENIUS, or Komensky, Johann Amos, Moravian educationist, VI. 182; VII. 673; XXII. 152.
- COMET, The, H. Bell's steamboat, III. 542.
- COMETS, VI. 182; II. 813; in relation to meteors, XVI. 110; excluded from nebular theory, XVII. 310; spectra of, XXII. 651; Kepler's observations on, XIV. 47; Leverrier's, XIV. 486; Olbers's, XVII. 752.
- COMFITS, confections, VI. 257.
- COMFREY, Prickly, forage plant, I. 378.
- COMICAL REVENGE, Etheridge's comedy, VIII. 573.
- COMIC OPERA, XVII. 99.
- COMILLAH, town, India, XXIII. 405.
- COMINES, town, France, VI. 194.
- , Philippe de, French historian, VI. 194; IX. 648.
- COMING RACE, The, Lytton's tale, XV. 123.
- COMINO, island, Mediterranean Sea, XV. 339.
- COMINOTTO, islet, Mediterranean Sea, XV. 339.
- COMISENE, Parthian kingdom, XVIII. 592.
- COMITAN, or Comitlan, town, Mexico, VI. 194.
- COMITIA CENTURIATA, of ancient Rome, VI. 195; XX. 679, 735.
- COMITIA CURIATA, of ancient Rome, VI. 194; XX. 733.
- COMITIA TRIBUTA, of ancient Rome, VI. 195; XX. 679, 737, 771.
- COMITIUM, at Rome, XX. 816.
- COMITLAN, town, Mexico, VI. 194.
- COMMAGENE, Syria, Coins of, XVII. 649.
- COMMAND, distinguished from law, XIV. 355.
- COMMANDER, Naval, duties of, XVII. 292.
- COMMANDER-IN-CHIEF, of British army, II. 572.
- COMMANDMENTS, The Ten, VII. 15.
- COMMEDIA DELL' ARTE, improvised comedy, in Italy, VII. 418.
- COMMEMORATION OF SAINTS, XXI. 155.
- COMMENDAMS, Bacon versus Coke on, III. 206.
- COMMENSALISM, Parasitic, XVIII. 261; II. 67.
- COMMERCE, VI. 196; beginnings of, VIII. 617; economic extension of, XIX. 354; European, VIII. 706; commercial societies, XXII. 227.

- COMMERCIAL AGENTS, in the United States, VI. 317.
- COMMERCE, town, France, VI. 207.
- COMMISSION, Calculation of, II. 536.
- COMMITTEE OF PUBLIC SAFETY, in France, IX. 605.
- COMMITTEES, Parliamentary, XVIII. 312.
- COMMIUS, British king, XXII. 725.
- COMMODORE, naval officer, XVII. 292.
- COMMODUS, Lucius Aurelius, Roman emperor, VI. 207.
- COMMON, Rights of, in law, VI. 209.
- , A. A., his observatory at Ealing, London, XVII. 711; his reflecting telescope, XXIII. 152.
- LAW, VI. 208.
- LIFE, or Common Lot, Brethren of the, mediæval religious society, VII. 672; IX. 725; XVII. 134.
- PLEAS, Court of, England, VI. 208; Records of, XX. 312.
- PRAYER, Book of, Church of England, VIII. 379; XIV. 710; revision of, VI. 328.
- COMMONS, waste lands, VI. 208.
- , estate of the realm, British, VIII. 557.
- , House of, XVIII. 304, 307, 311.
- COMMON SENSE, Hamilton's theory of, XI. 418; Reid's philosophy of, XX. 350.
- COMMONWEALTH, The English, under Cromwell, VI. 602; VIII. 348; parliament in time of, XVIII. 307.
- COMMUNE, administrative division, in France, VI. 211; IX. 509; XVII. 28; in Italy, XIII. 464, 471; Polish, XIX. 311; Roman, XX. 783; Russian, XXI. 83.
- OF PARIS (1792), IX. 603; (1872), IX. 627.
- COMMUNION, or Holy Communion, VIII. 651; XXI. 131, 139; order for administration of, XIV. 706; given to the dying (Viaticum), XXIV. 208; Luther's doctrine of, XV. 81; St Paul's, XVIII. 428; Zwingli's, XXIV. 833.
- OFFICE, Roman, XVI. 509; Anglican, VIII. 379. See also article Liturgy.
- COMMUNISM, VI. 211; XXII. 207; applied to land, XIV. 265; exemplified in Oneida Community, U.S.A., XVII. 773; Fourier's system, IX. 489; Owen's promotion of, XVIII. 87.
- COMMUTATION TABLES, II. 81.
- COMMUTATOR, Electric, XIV. 630.
- COMNENA, Anna, princess and authoress, II. 59.
- COMNENI, dynasty, Byzantine empire, XI. 117.
- COMNENUS, Alexius, Byzantine emperor, I. 501; XI. 117; his relations with the crusaders, VI. 625.
- , Alexius, emperor of Trebizond, XXIII. 533.
- , Andronicus I., Byzantine emperor, II. 22.
- , Isaac I., Byzantine emperor, XIII. 374.
- COMNENUS, John II., Byzantine emperor, XIII. 713.
- , Manuel I., Byzantine emperor, XV. 505.
- COMO, town, Italy, VI. 219.
- , Lake of, Italy, VI. 220; XIV. 217.
- COMONFORT, Ignacio, Mexican soldier and politician, VI. 220.
- COMORES, or Comoro Islands, East Africa, VI. 220.
- COMORN, or Komorn, town, Hungary, XIV. 138.
- COMORO ISLANDS, East Africa, VI. 220.
- COMPAGNACCI, Florentine faction, XXI. 337.
- COMPAGNI, Dino, Italian writer, XIII. 505.
- COMPAGNIA DELLA MORTE, in Naples, XX. 847.
- COMPANIES, Registration of, XX. 344.
- , Livery, of London, VI. 223; XIV. 819.
- COMPANY, corporate association, VI. 221, 434; XVIII. 330.
- OF JESUS, XIII. 645.
- COMPARATIVE ANATOMY, VI. 225; XXIV. 800; advance of, I. 813; investigators in, I. 818.
- COMPARATIVE GRAMMAR, XI. 38; Bopp's work on, IV. 49.
- COMPARATIVE PHILOLOGY, of Aryan languages, XVIII. 781.
- COMPASS, Azimuth, XVI. 160.
- , Mariner's, VI. 225; XV. 219, 518; discovery of, X. 179; as known to early navigators, XVII. 250; deviation or variation of, X. 187; XV. 250; XVI. 163; XVII. 274.
- , Surveying, XXII. 718.
- COMPASSES, mathematical instrument, XXII. 721.
- COMPENSATION BALANCE, for watches, XXIV. 395.
- COMPETITION VALUES, in economics, XXIV. 48.
- COMPETITIVE EXAMINATIONS, VIII. 781.
- COMPIÈGNE, town, France, VI. 228; XVII. 749.
- COMPITALIA, Roman festival, XIV. 313.
- COMPLAINT OF SCOTLAND, early Scottish work, XXI. 541.
- COMPLEAT ANGLER, Walton's work, XXIV. 342.
- COMPLEX, system of lines, in geometry, XXII. 670.
- COMPLEXITY, in psychology, XX. 56.
- COMPLEX VARIABLE, XXIV. 69.
- COMPLINE, canonical hour, IV. 263.
- COMPLUTENSAN POLYGLOTT, I. 458; XIII. 694; XIX. 417.
- COMPOSING, in printing, XXIII. 700; machines for, XXIII. 700.
- COMPOSTELLA (Santiago), town, Spain, VI. 229; pilgrimages to, XIX. 94.
- COMPOUND RULES, in arithmetic, II. 534.
- COMPRESS, Hydropathic, XII. 544.
- COMPRESSED AIR, Force of, VIII. 209.
- COMPRESSED FUEL, IX. 808.
- COMPRESSIBILITY, of materials, VII. 815; XXII. 595, 601.
- COMPRESSION, in steam-engine, XXII. 486, 487; in air and gas engines, XXII. 523.
- COMPSPA, Samnite town, Italy, XXI. 249.
- COMPTON, Henry, bishop of London, VI. 229.
- , Spencer, earl of Northampton, XVII. 558.
- COMPURGATION, ancient mode of trial, XIII. 785.
- COMPUTATION, Arithmetical, II. 526.
- COMSTOCK MINES, Nevada, U.S.A., XVI. 441, 470; XVII. 368; XXIII. 815.
- COMTE, Auguste, French philosopher, VI. 229; IX. 674; his ethical system, VIII. 609; on evolution, VIII. 763; his metaphysic, XVI. 101; on philosophy, XVIII. 794; on sociology and political economy, XIX. 390; the Three Ages of his scheme, I. 279; Littré's relations to, XIV. 706.
- COMUM (Como), ancient town, Italy, VI. 220.
- COMUS, in Greek mythology, VI. 238.
- , Milton's poem, XVI. 326.
- , French conjurer, XV. 210.
- COMYN, John, the Red, slain by Bruce, XX. 593; XXI. 488.
- CON, George, papal agent in England, XI. 655.
- CONATION, Psychology of, XX. 40, 42, 72.
- CONCA, Sebastiano, Italian painter, VI. 238.
- CONCAN, district, India, VI. 238.
- CONCEALMENT OF BIRTH, in law, XIII. 4.
- CONCENTRATIVENESS, in phrenology, XVIII. 844.
- CONCEPCION, town, Chili, VI. 239; province, V. 617.
- , town, Paraguay, XVIII. 244.
- CONCEPTION, in physiology, XX. 407.
- , in psychology, XX. 57, 76.
- , Feast of the, XII. 715; XV. 592.
- BAY, Newfoundland, XVII. 383.
- CONCEPTUALISM, in scholastic philosophy, I. 35; XXI. 424.
- CONCHIFERA, class of Mollusca, XVI. 684.
- CONCILIUM PLEBIS, of Rome, XX. 678.
- CONCINI, Concino, French courtier, IX. 566.
- CONCLAVE, meeting for election of a pope, VI. 239.
- CONCLUSION, in logic, XIV. 788.
- CONCLUSIONS, The Lollard, XIV. 811.
- CONCORD, town, Massachusetts, U.S.A., VI. 240; battle of (1775), XXIII. 740.
- , town, New Hampshire, U.S.A., VI. 240; XVII. 392.
- , Temple of, at Rome, II. 417; XX. 820.

- CONCORDANCE, verbal index, VI. 240; of the Bible, by Calasio, IV. 653; by Cruden, VI. 621.
- CONCORDAT, papal agreement, VI. 241; XXIII. 531; Austrian, abolished, III. 141; with Napoleon, XVII. 205; of Worms (1122), XIX. 500.
- CONCORDIA, Roman goddess, VI. 243. —, Lombard league, XIII. 473. —, town, Italy, VI. 243. —, town, Namaqualand, Africa, XVII. 168.
- CONCORDS, Musical, XVII. 82.
- CONCRETE, substitute for stone, VI. 243; in building, IV. 453, 456; Roman, XX. 808.
- CONCUBINAGE, VI. 243; XV. 569.
- COND, Irish king, XIII. 245.
- CONDAMINE, Charles Marie de la, French geographer and mathematician, XIV. 193; his South-American explorations, X. 189; measuring arc of meridian, VII. 598.
- CONDATE (Libourne), ancient town, France, XIV. 509. — (Rennes), ancient town, France, XX. 401.
- CONDÉ, town, France, VI. 244. —, Princes of, France, VI. 244. —, Louis, Prince of (Condé the Great), VI. 245; IX. 571; his relations with Turenne, XXIII. 626. —, Louis de Bourbon, Prince of, VI. 245. —, Louis Henry Joseph, duke of Bourbon, VI. 248.
- CONDE, José Antonio, Spanish Orientalist, VI. 248.
- CONDENSATION, of gaseous bodies, VI. 311; VII. 217; VIII. 727; of steam, XXII. 487.
- CONDENSED MILK, XVI. 304.
- CONDENSER, in distillation, VII. 261. —, Electric, VIII. 34. —, Steam-engine, XXII. 513, 518.
- CONDER, Josiah, English writer, VI. 249.
- CONDESCENDENCE, in Scots law, XIX. 220.
- CONDÉ-SUR-NOIREAU, town, France, VI. 244.
- CONDICTION, in Roman law, XX. 683.
- CONDILLAC, Étienne Bonnot de, French philosopher, VI. 249; IX. 669; on the association of ideas, II. 732; his logic, XIV. 794; on logical analysis, I. 797.
- CONDITIONED, Hamilton's philosophy of the, XI. 418.
- CONDIVICENUM (Nantes), ancient town, France, XVII. 173.
- CONDOLMIERI, Gabriel (Pope Eugenius IV.), VIII. 663.
- CONDOM, town, France, VI. 253.
- CONDOR, bird, VI. 253; XXIV. 302; in Chili, V. 623.
- CONDORCET, Marquis de, French philosopher and politician, VI. 254; IX. 667.
- CONDORE, India, Battle of, VI. 11.
- CONDOTTIERI, Italian mercenary troops, VI. 256; XIII. 477.
- CONDUCTION, Electric, VIII. 4, 41, 106. —, Electrolytic, VII. 219; VIII. 106. — OF HEAT, XI. 577; XX. 212.
- CONDUCTIVITY, Electric, VIII. 52. —, Thermal, XI. 578, 586. — BOXES, Electric, VIII. 45.
- CONDUCTOR, Lightning, XIV. 633.
- CONDUIT, in water-works, XXIV. 408.
- CONDURRITE, mineral, XVI. 393.
- CONDYLOPODA, or Arthropoda, II. 271, 647.
- CONE, in geometry, VI. 282; X. 417; XXII. 668; mensuration of, XVI. 25. —, On the Section of the, Serenus's work, XXI. 675.
- CONECTE, Thomas, French monk and preacher, VI. 256.
- CONEGLIANO, town, Italy, VI. 256.
- CONEN DE PRÉPÉAN, French stenographer, XXI. 841.
- CONEPATL, skunk of Central America, XXII. 126.
- CONEY, islet, Sligo, Ireland, XXII. 159. — ISLAND, village, Long Island, New York, U.S.A., XIV. 866.
- CONFARREATIO, form of Roman marriage, VI. 256; XX. 671.
- CONFECTIONERY, VI. 256.
- CONFEDERATE STATES, of America, XXIII. 773.
- CONFEDERATION, German, III. 135; X. 505. — OF THE RHINE, III. 133; VIII. 363; XVII. 210; its dissolution, XVII. 220.
- CONFEDERATIONS, Political, IX. 62.
- CONFERENCE, in diplomacy, VI. 269.
- CONFESSION, in early Christian architecture, VI. 667; XX. 834.
- CONFESSION, of sin, VI. 257; its place in the Eastern, Latin, and Lutheran Churches, XVIII. 487.
- CONFESSIONAL, VI. 258.
- CONFESSION OF FAITH, Westminster, VI. 558; XXI. 503.
- CONFESSIONS, Rousseau's, XXI. 16. — OF AN ENGLISH OPIUM-EATER, De Quincey's work, VII. 102. — OF FAITH, or Creeds, VI. 558.
- CONFESSOR, VI. 258.
- CONFIRMATION, ecclesiastical rite, VI. 258.
- CONFLAGRATIONS, IX. 233.
- CONFLANS, France, Treaty of (1465), IX. 552.
- CONFUCIUS, Chinese sage, VI. 258; his doctrines, V. 662, 671; XX. 363; his relation to Mencius, XVI. 3; temple of, at Shanghai, II. 448.
- CONGÉ D'ÉLIRE, mandate for election of a bishop, VI. 265.
- CONGER-EEL, fish, VII. 693.
- CONGLETON, town, England, VI. 265. —, Lord, chancellor of Irish exchequer, VI. 265.
- CONGLOMERATE, rock, X. 237.
- CONGO, country, West Africa, VI. 266. —, or Zaire, river, Africa, XXIV. 763; I. 254; exploration of, X. 192. — FREE STATE, Central Africa, XXII. 144; XXIV. 765. — LANGUAGES, group of Bantu dialects, XXIV. 828.
- CONGOU TEA, XXIII. 99.
- CONGREGATIO DE PROPAGANDA FIDE, XVI. 514.
- CONGREGATION, Christian, early organization of, XIX. 675. —, Lords of the, Scotland, XXI. 501. —, University, XXIII. 835. — OF THE ORATORY, Rome, XVII. 347.
- CONGREGATIONALISTS, religious denomination, VI. 268; XII. 722; American, in relation to Unitarianism, XXIII. 726.
- CONGREGATIONS, administrative bureaux of Roman Catholic Church, XX. 629.
- CONGRESS, in diplomacy, VI. 269; of Münster or Westphalia (1643-1648), III. 268; of Vienna (1815), III. 135, 270. —, of the United States, its constitution, XXIII. 749; first meeting of, XVIII. 741. —, American Continental, XXIII. 737, 740, 743.
- CONGREVE, Sir William, inventor of the rocket, VI. 272. —, William, English dramatist, VI. 271; VII. 436; VIII. 424.
- CONGRUENCE, in geometry, XXII. 670.
- CONI, town, Italy, VI. 272.
- CONIC SECTIONS, or Conics, VI. 273; X. 395; projection of, XIX. 798.
- CONIDIA, reproductive organs in plants, IX. 829; XX. 424.
- CONIFERÆ, order of trees, II. 315, 321; IX. 222; XIX. 102; XXIV. 131.
- CONINE, vegetable alkaloid, XI. 647.
- CONINGTON, John, English scholar, VI. 284.
- CONISBROUGH CASTLE, Yorkshire, England, XXIV. 749.
- CONISTON OLD MAN, mountain, England, XIV. 252.
- CONIUM, genus of plants, XI. 646; XVII. 232.
- CONJEVERAM, town, India, VI. 285.
- CONJUNCTIONS, in grammar, XI. 41.
- CONJUNCTIVITIS, eye disease, XVII. 780.
- CONJURING, by tricks and illusions, XIV. 414; XV. 207.
- CONNAUGHT, province, Ireland, VI. 285; area and population of, XIII. 215; first mention of, XIII. 246.
- CONNECTICUT, State, U.S.A., VI. 285; XXIII. 748; population, XXIII. 802; original colony of, XXIII. 730, 731.
- CONNELLITE, mineral, XVI. 385.
- CONNEMARA, district, Ireland, VI. 289; X. 55.

- CONNOR, Bernard, English physiologist, vi. 289.
- CONNUBIUM, or Conubium, form of Roman marriage, xv. 568; xx. 671.
- CONOIDS, Archimedes on, ii. 380.
- CONOLLY, John, English physician, vi. 289.
- CONOMEDUSÆ, order of Hydrozoa, xii. 559.
- CONON, Athenian general, vi. 289; as ally of the Persians, xviii. 577.
- , (Leo III.), emperor of the East, xiv. 452.
- of Samos, his record of eclipses, ii. 748.
- CONOTEUTHIS, genus of Mollusca, xvi. 671.
- CONQUEST, in Scots law, xiii. 77.
- OF MEXICO, History of the, by Prescott, xix. 703.
- OF TREBIZOND, romance, xx. 653.
- CONQUÊTE DE CONSTANTINOPLE, Villehardouin's, xxiv. 229.
- CONRAD I., king of Germany, x. 482.
- II., emperor, x. 486; his influence in Rome, xx. 790.
- III., emperor, x. 489.
- IV., emperor, x. 492.
- of Montferrat, crusader, xx. 540; xxiii. 161.
- of Würzburg, German poet, x. 524.
- CONRADIN, king of Sicily, vi. 289; xxii. 27.
- CONRART, Valentin, first secretary of the French Academy, vi. 290.
- CONSALVI, Ercole, Italian cardinal and statesman, vi. 290.
- CONSANGUINITY, or Kindred, vi. 291; systems of reckoning it, ix. 22; closeness of, in relation to deaf-muteism, vii. 4.
- CONSCIENCE, or Moral Sense, Butler's doctrine of, iv. 587; Hutcheson's, xii. 409; Shaftesbury's, xxi. 733. See also article Ethics.
- , Hendrik, Flemish writer, xii. 98.
- CONSCIENTIOUSNESS, in phrenology, xviii. 845.
- CONSCIOUSNESS, in metaphysics, xvi. 92; states of, xx. 38; physiology of, xix. 20, 41; Christian, vii. 336; Cousins's theory of, vi. 525; Descartes's, v. 142; Hamilton's, xi. 417; Locke's, xiv. 758.
- CONSCRIPTION, Military, ii. 565, 566; its effect on emigration, viii. 175.
- CONSECRATION, vi. 291.
- CONSEIL DE PRUD'HOMMES, tribunal of employers and employed, xiv. 173; at Paris, xviii. 286.
- CONSENSUS SANDOMIRIENSIS, church congress (1570), xxi. 259.
- CONSERVATION OF ENERGY, viii. 208; xviii. 553.
- CONSERVATISM, as influenced by the Renaissance, xx. 394.
- CONSERVATIVE PARTY, British, xxiv. 540.
- CONSERVATOIRE DES ARTS ET DES MÉTIERS, Paris, xviii. 281.
- CONSERVATORY, Garden, xii. 222.
- , or Conservatoire, Musical, vi. 291; xvii. 83.
- CONSIDERATION, in legal contracts, vi. 322.
- CONSISTOIRE, French Presbyterian court, xix. 693.
- CONSISTORIAL CONGREGATION, of Church of Rome, xx. 629.
- CONSISTORIAUX, section of French Presbyterians, xix. 694.
- CONSISTORY, ecclesiastical council, vi. 292.
- COURT, Canterbury, ii. 370.
- CONSIVA, or Ops, Roman goddess, xxi. 321.
- CONSOLATION OF PHILOSOPHY, Boetius's work, iii. 857.
- CONSOLATIONS AGAINST THE FEAR OF DEATH, Drelinecourt's work, vii. 468.
- CONSOLE, in architecture, ii. 462.
- CONSOLIDATION ACTS, English, vi. 292.
- CONSOLS, British Government annuities, vi. 293; xvii. 245.
- CONSONANCE, Musical, xvii. 105.
- CONSONANTS, Pronunciation of, xxii. 385.
- CONSPIRACY, in law, vi. 293; in relation to trade unions, xxiii. 500.
- CONSTABLE, officer of the peace, vi. 294.
- , Lord High, of England, xxii. 459; xxi. 36.
- , Archibald, Scottish publisher, vi. 295; viii. 201.
- , Henry, English poet, vi. 295.
- , John, English painter, vi. 296.
- CONSTABULARY, police force, xix. 332; in Ireland, xiii. 239.
- CONSTANCE, town, Baden, Germany, vi. 297; congress of Old Catholics at (1873), xvii. 755; council of (1414-18), x. 550; xii. 405; xiii. 712; xix. 502; xx. 320, 805; peace of (1183), xiii. 474.
- , Lake of, Switzerland, vi. 297; xiv. 217; xx. 519; xxii. 776.
- of Aquitaine, wife of Robert I. of France, ix. 536.
- CONSTANT DE REBECQUE, Henri Benjamin, French philosopher and economist, vi. 297; ix. 673; xviii. 223; xxii. 799; on the philosophy of caste, v. 187, 189.
- CONSTANTIANA (Kustendje), ancient town, Roumania, xiv. 162.
- CONSTANTINA, town, Spain, xxi. 708.
- CONSTANTINE, town, Algeria, vi. 298.
- I., the Great, Roman emperor, vi. 298; xi. 110; xx. 778; cross in the sky, seen by, xi. 399.
- V. (Coprnymus), Byzantine emperor, xii. 713.
- VI., Byzantine emperor, xiii. 274.
- VII. (Porphyrogenitus), Byzantine emperor, vi. 301; his encouragement of literature, iv. 613; xi. 145.
- CONSTANTINE XIII. (Palæologus), Byzantine emperor, xviii. 166.
- , emperor of Gaul, Spain, and Britain, vi. 301.
- I-II., kings of Scotland, xxi. 478.
- , missionary to the Slavs, xvi. 194.
- , bishop of Harran, Syriac writer, xxii. 841.
- , Basilica of, at Rome, iii. 414; xx. 826.
- BRANCOVAN, voivode of Walachia, xxi. 17.
- PAVLOVICH, Russian prince, vi. 302; xvii. 485.
- SYLVANUS, founder of the Paulicians, xviii. 433.
- CONSTANTINOPLE, capital of Turkey, vi. 302; founding of, xi. 111; xx. 778; council of (381), xxiii. 259; repulse of Moslems at (717), xvi. 574; taken by the Crusaders (1204), vi. 629, 803; by the Turks (1453), xvii. 484; xxiii. 642; Renaissance dates from its capture, xx. 381; aqueducts, ii. 221; cemeteries, v. 331; ancient libraries, xiv. 512; newspapers, xvii. 432; plague in, xix. 166; its suburb, Scutari, xxi. 573.
- , province, Turkey in Europe, xxiii. 653.
- , Era of, v. 714.
- CONSTANTINUS CEPHALAS, compiler of an anthology, ii. 103.
- CONSTANTIUS I., Flavius Valerius, Roman emperor, vi. 309; xx. 777; in Scotland, xxi. 472.
- II., Flavius Julius, Roman emperor, xiii. 768; xx. 778.
- CONSTANTS, Mathematical, Tables of, xxiii. 13.
- , Tidal, xxiii. 366.
- CONSTELLATIONS, groups of stars, ii. 816; xxiv. 791.
- CONSTITUENT ASSEMBLY, of France, ix. 598.
- CONSTITUTION, and Constitutional Law, vi. 309.
- CONSTITUTIONAL HISTORY OF ENGLAND, Hallam's, xi. 393.
- CONSTITUTIONALISM, Metternich's opposition to, xvi. 201.
- CONSTITUTIONNEL, Le, Paris newspaper, xvii. 426.
- CONSTITUTION OF BODIES, vi. 310.
- CONSTITUTION OF ENGLAND, De Lolme's work, vii. 51.
- CONSTITUTION OF MAN, Combe's work, vi. 180.
- CONSTITUTIONS, Apostolic, early Christian work, ii. 195, 196.
- , of Justinian, xiii. 793; xx. 712.
- OF CLARENDON, viii. 372.
- CONSTRAINT, in mechanics, xv. 678.
- CONSTRUCTION, Principles of, in building, iv. 447.

- CONSTRUCTIVENESS, in phrenology, XVIII. 845.
- CONSUBSTANTIATION, Eucharistical doctrine, VIII. 653; XV. 85; taught by Occam, XVII. 718.
- CONSUEGRA, town, Spain, VI. 313.
- CONSUETUDE, in Roman law, XX. 698.
- CONSUL, commercial and legal officer in foreign country, VI. 315; British, precedence of, XIX. 667.
- , Roman magistrate, VI. 313; XX. 735, 738, 771, 785; in the provinces, XIX. 885.
- CONSULATE, French, IX. 612; XVII. 203.
- OF THE SEA, Book of the, VI. 317; XXI. 584.
- CONSULS, The Three, in France (1799–1800), IX. 612; XVII. 203.
- CONSUMPTION, pulmonary disease, XVIII. 405, 855.
- CONTADES, Louis G. É., French marshal, IX. 589.
- CONTAGION, or Infectiveness, in pathology, XVIII. 401; in case of the plague, XIX. 161.
- CONTAGIOUS DISEASES (ANIMALS) ACTS, British, XX. 158.
- CONTANGO, stock exchange term, I. 92; XXII. 557.
- CONTARINI, Ambrogio, Venetian envoy to Persia, XVIII. 633.
- , Andrea, doge of Venice, XXIV. 144.
- CONTÉ, Nicolas Jacques, French pencil-maker, XVIII. 490.
- CONTEMPT OF COURT, offence, VI. 318.
- CONTES, La Fontaine's, XIV. 205.
- DROLATIQUES, Balzac's, III. 305.
- CONTI, Prince of (Armand de Bourbon), VI. 319.
- , Gregorio (Victor IV., antipope), XXIV. 213.
- , Lothario (Pope Innocent III.), XIII. 82.
- , Michael Angelo (Pope Innocent XIII.), XIII. 86.
- , Nicolo, Italian traveller, X. 179.
- CONTIGUITY, in mental association, II. 733.
- CONTINENTAL CONGRESS, of American colonies, XXIII. 737, 740, 743.
- CONTINENTAL SYSTEM, of Napoleon, XVII. 212.
- CONTINUITY, Temporal, in psychology, XX. 56.
- CONTOURS, in mapping, X. 210; XXII. 709, 711.
- CONTRABAND, VI. 320; XXII. 185.
- CONTRABASSOON, musical instrument, XVII. 707.
- CONTRACT, in law, VI. 322; XXI. 205; under Brehon law, IV. 253; in Roman law, XX. 675, 677, 692, 699; freedom of, economic aspects of, XIX. 360; of partnership, XVIII. 330.
- CONTRACTIONS, in ancient MSS., XVIII. 164.
- CONTRAST, in mental association, II. 733.
- CONTRASTO, love-song, by Ciullo d'Alcamo, XIII. 499.
- CONTREXÉVILLE, spa, France, XVI. 433.
- CONTRIBUTORY NEGLIGENCE, in law, XVII. 316; XXIII. 455.
- CONTROL DEPARTMENT, British army, II. 581.
- CONTUBERNIUM, in Roman marriage law, XV. 568.
- CONTUCCI, Andrea, Florentine sculptor, XXI. 295.
- CONTUSION, in surgery, XXII. 681, 686.
- CONUBIUM, form of Roman marriage, XV. 568; XX. 671.
- CONUNDRUM, interrogative pun, XX. 549.
- CONURUS, genus of birds, XVIII. 322.
- CONVECTION, mode of transference of heat, XX. 212.
- CONVENT, or Conventual Establishment, I. 10; XVI. 700; Lamaist, in Tibet, XIV. 499.
- CONVENTICLE ACT, of 1664, in England, VIII. 348; XIX. 690; of 1670, XIX. 690; XX. 149.
- CONVENTION, French National (1792), IX. 604.
- , International, defined, XXIII. 530.
- OF PHILADELPHIA (1787), XXIII. 748.
- CONVENTUALS, order of monks, IX. 699.
- CONVERSANO, town, Italy, VI. 324.
- CONVERSATIONS-LEXICON, of Brockhaus, VIII. 203.
- CONVERSION AND TROVER, in law, XXIII. 589.
- CONVEYANCING, in law, VI. 324.
- CONVICTS, Treatment of, XIX. 747; on ticket of leave, VI. 590; agitation against, in Cape Colony, V. 45.
- CONVITO, Dante's work, VI. 814; XIII. 502.
- CONVIVIUM SEU LAPITHÆ, Lucian's dialogue, XV. 44.
- CONVOCAION, of Church of England, VI. 325; VIII. 380.
- CONVOLVULIN, vegetable resin, XIII. 547.
- CONVOLVULUS BATATAS, vegetable, XIX. 596; XXIV. 727.
- CONVULSIONS, in pathology, XVIII. 391.
- CONWAY, town, Wales, VI. 330; river, V. 119.
- , Lady, friend of Henry More, XVI. 815.
- CONWAY'S CABAL, against George Washington, XXIV. 389.
- CONY, of Scripture, XII. 599.
- CONYBEARE, John, English divine, VI. 330.
- , William Daniel, English geologist, VI. 330.
- COOK, Captain James, English navigator and explorer, VI. 330; X. 189; his discoveries in Australasia, III. 104; his Arctic and Antarctic explorations, XIX. 319, 329; his exploration of New Zealand, XVII. 471; of Tahiti, XXIII. 24.
- COOK, Prof., meteorological spectroscopist, XX. 256.
- , Mount, New Zealand, XVII. 466.
- COOKE, Thomas, telescope-maker, XXIII. 149; his micrometers, XVI. 244.
- , Sir W. F., his contributions to telegraphy, XXIII. 113.
- COOKERY, VI. 331.
- COOKING STOVES, XXII. 579.
- COOK'S ISLANDS, or Harvey Archipelago, South Pacific, VI. 331.
- COOKSTOWN, town, Ireland, XXIII. 713.
- COOK STRAIT, New Zealand, XVII. 467.
- COOKTOWN, town, Queensland, XX. 172.
- COOKWORTHY, William, English potter, XIX. 642.
- COOLIE, or Cooly, Asiatic labourer, VI. 333; coolie emigration, VIII. 175.
- COOLING, Newton's law of, XX. 129.
- COOLY (Coolie), Asiatic labourer, VI. 332; VIII. 175.
- COOMASSIE, capital of Ashantee, West Africa, VI. 336; II. 681.
- COOMPTAH, or Kumpta, town, India, XIV. 155.
- COOPER, Abraham, English painter, VI. 336.
- , Anthony Ashley, three earls of Shaftesbury, XXI. 727, 731, 734.
- , Sir Astley Paston, English surgeon, VI. 336.
- , Charles Henry, English historiographer, VI. 337.
- , James Fenimore, American novelist, VI. 337; I. 725.
- , John, English musician, XVII. 87.
- COOPERAGE, handicraft, VI. 338.
- CO-OPERATION, VI. 338, 218; XIV. 321; productive and distributive, XXII. 210; agricultural, its results, I. 416; Fourier's system, IX. 489.
- CO-OPERATIVE SOCIETIES, in Russia, XXI. 84.
- COOPER INSTITUTE, New York, XVII. 466.
- COOPER'S HILL, Denham's poem, VII. 79.
- COOPER'S OBSERVATORY, Markree Castle, Ireland, XVII. 711.
- COOPER'S WELL, spa, Mississippi, U.S.A., XVI. 436.
- COORDINATES, in geometry, X. 408; polar, X. 414; transformation of, in surveying, XXII. 706.
- COORDS, or Kurds (*q.v.*), tribes, Asia, XIV. 156.
- COORG, province, India, VI. 341.
- COORNHERT, Dirk Volckersten, Dutch writer, XII. 93.
- COORONG, lake, South Australia, XXII. 284.
- COOS BAY, town, Oregon, U.S.A., XVII. 824.

- COOSH BEHAR, or Kuch Behar, state, India, XIV. 152.
- COOT, water-fowl, VI. 341.
- COOTE, Sir Eyre, British general, VI. 342.
- COPAIBA, Balsam of, III. 293.
- COPAL, resin, VI. 342.
- COPALINE, mineral, XVI. 428.
- COPAN, town, Honduras, VI. 343; ruins of, I. 693; XXIV. 758.
- COPARCENERS, in English law of inheritance, XIII. 77.
- COPE, ecclesiastical vestment, VI. 463.
- , E. D., on the classification of reptiles, XX. 438.
- , Sir John, English general, V. 426.
- COPENHAGEN, capital of Denmark, VI. 343; population, XXIV. 771; IX. 614; battle of (1801), XVII. 323; academy, I. 73; libraries, XIV. 532, 549; newspapers, XVII. 430; observatory, XVII. 715; university, XXIII. 842.
- FIELDS, London, XIV. 828.
- COPEPODA, group of crustaceans, VI. 664; in Lankester's classification, XXIV. 813.
- COPERNICAN SYSTEM, II. 778.
- COPERNICIA CERIFERA, wax-yielding palm, XVIII. 191.
- COPERNICUS, Nicolaus, German astronomer, VI. 346; his astronomical system, II. 752, 778; his theory of the earth's rotation anticipated, VI. 729; on the lunar theory, XVI. 800; his treatise on money, XIX. 356; on trigonometry, XXIII. 562.
- COPHO, mediæval writer on medicine, XV. 806.
- COPIAPITE, mineral, XVI. 401.
- COPIAPO, town, Chili, VI. 346.
- COPING, in architecture, II. 462; IV. 464.
- COPLEY, John Singleton, historical painter, VI. 347.
- , John Singleton (Lord Lyndhurst), lord chancellor of England, XV. 106.
- CÖPNICK, town, Prussia, XIV. 139.
- COPPER, metal, chemical element, VI. 347; XVI. 382; chemistry of, V. 528; cyanide of, XX. 23; sulphate of, XXII. 637; sulphate in electrotyping, VIII. 115; spectrum of, XXII. 376; strength of, XXII. 603; as a poison, XIX. 278; constituent of brass, IV. 217; of bronze, IV. 366; as alloy of silver, XXII. 71; in pig iron, XIII. 284; ores of, XVI. 58; dressing of ores, XVI. 466; deposits or mines in Australia, III. 109; in Bolivia, IV. 14; in Brazil, IV. 224; California, IV. 702; in Chili, V. 622; in China, V. 639; in Cuba, VI. 680; in Cyprus, VI. 747; in Cornwall, England, VI. 425; in India, XII. 765; in Ireland, XIII. 218; in Japan, XIII. 572; in Newfoundland, XVII. 384; in New South Wales, XVII. 409; in Philippine Islands, XVIII. 749; in Queensland, XX. 173; in Russia, XXI. 85; XXIV. 5; in Michigan, U.S.A., XVI. 239; in Missouri, U.S.A., XVI. 525; production of, XVI. 467; production in England, VIII. 229; production in United States, XXIII. 816.
- COPPERAS, mineral, VI. 352; XVI. 401.
- COPPER-GLANCE, mineral, XVI. 391.
- COPPER MINING, XVI. 452.
- COPPERNIN, English dwarf, VII. 568.
- COPPERPLATE ENGRAVING, VIII. 439.
- COPPER PYRITES, mineral, XX. 129.
- COPPER SMELTING, at Swansea, XXII. 733.
- COPPER WIRE, XXIV. 615.
- COPPET, Switzerland, Madame de Stael's residence, XXII. 439.
- COPPICE, or Cope, Culture of, II. 319.
- COPROLITES, Fossil, VI. 353; as manure, I. 348; XVIII. 818.
- COPRONYMUS (Constantine V.), Byzantine emperor, XII. 713.
- COPTIC CHURCH, Egypt, XX. 631.
- COPTIC LANGUAGE, VII. 721; XVIII. 778; dictionaries of, VII. 192.
- COPTIC MONASTERY, Plan of a, I. 11.
- COPTOS, ancient town, Egypt, VI. 355.
- COPTS, Egyptian people, VI. 354; I. 260; VII. 728.
- COPULATION, of animals, XX. 410.
- COPYHOLD, land tenure, VI. 355; XIV. 264; XX. 307; its relation to feudalism, IX. 122; surrender of, XXII. 692; copyhold rents, XX. 402.
- COPYRIGHT, VI. 356; XIX. 710; international, I. 720; English Acts relating to, XIV. 541.
- COQUEREL, Athanase Josué, French Protestant theologian, VI. 367.
- , Athanase Laurent Charles, French Protestant theologian, VI. 368.
- COQUES, Gonzalez, Flemish painter, VI. 368.
- COQUET, river, Northumberland, England, XVII. 565.
- COQUILLA NUT, XVII. 665.
- COQUILLART, Guillaume, early French writer, IX. 648.
- COQUIMBITE, mineral, XVI. 401.
- COQUIMBO, province, Chili, V. 617.
- CORA, Greek myth of, XVII. 127.
- (Cori), ancient town, Italy, VI. 368; temple at, II. 418.
- CORACIAS, genus of birds, XX. 627.
- CORAIS, Adamantios, Greek scholar, XI. 151.
- CORAL ISLANDS AND REEFS, XIX. 420, 421; theories of their formation, VI. 377; XVIII. 128.
- CORALLIGENA, subdivision of Actinozoa, I. 129.
- CORALLINE, dye, V. 86.
- CORAL ROCK, x. 238; in Kentucky, U.S.A., XIV. 42.
- CORALS, or Coral Animals, VI. 369; I. 129; fisheries, VI. 387; Italian fisheries, XIII. 455.
- CORAM, Thomas, English philanthropist, VI. 388.
- CORANGAMITE, lake, Victoria, Australia, XXIV. 216.
- COR ANGLAIS, musical instrument, XVII. 706.
- CORANTYN, river, Guiana, XI. 250.
- CORARIO, Angelo (Pope Gregory XII.), XI. 178.
- CORAX, of Syracuse, rhetorician, XX. 508.
- CORAY, Adamantius, Greek scholar, VI. 388.
- CORAZON, mountain, Ecuador, VII. 645.
- CORBEIL, town, France, VI. 388; XXI. 625.
- , Gilles de, mediæval writer on medicine, XV. 806.
- CORBEL, in architecture, II. 462.
- CORBIE MONASTERY, Picardy, Library of, XIV. 513.
- CORBIÈRES, mountains, France, XX. 125.
- CORBILO (St Nazaire), ancient town, France, XXI. 187.
- CORBUEIL (Francis Villon), French poet, XXIV. 232; IX. 647.
- CORBULO, Domitius, Roman commissioner to the Parthians, XVIII. 602.
- CORCHORUS, genus of plants, XIII. 798.
- CORCOBADO, island, Peru, XVIII. 671.
- CORCYRA (Corfu), island, Greece, VI. 395; XIII. 205; coins of, XVII. 641.
- CORD, Manufacture of, XX. 845.
- CORDAY D' ARMANS, Marie Anne Charlotte, assassin of Marat, VI. 388; IX. 606; XV. 527.
- CORDELIER, rope-spinning machine, XX. 844.
- CORDELIERS, Franciscan monks, VI. 389; IX. 698.
- , French Revolutionists, VI. 389.
- CORDERIUS (Mathurin Cordier), French writer, VI. 389; his Colloquies as a school book, XXI. 751.
- CORDIALS, liqueurs, XIV. 686.
- CORDIER, Mathurin, French writer, VI. 389; his Colloquies, XXI. 751.
- CORDIÈRE, La Belle (Louise Labé), French poetess, IX. 651.
- CORDIERITE, mineral, XVI. 418.
- CORDILLERAN SYSTEM, North America, XXIII. 796.
- CORDILLERAS, of the Andes, I. 670; II. 15; in Ecuador, VII. 644.
- CORDOBA, town, Argentine Republic, VI. 390.
- CORDOVA, province, Spain, XXII. 298.
- , town, Spain, VI. 389; mosque at, XVI. 864; XXII. 310.
- , or Cordoba, town, Argentine Republic, VI. 390; observatory at, XVII. 716.
- , town, Mexico, VI. 390.
- CORDUBA (Cordova), ancient town, Spain, VI. 390.

- CORE, Magnetic, xv. 252.
- COREA, kingdom, Asia, vi. 390; language of, xviii. 779; xxiv. 3; dictionaries of language, vii. 192.
- COREGGIO, or Correggio, Antonio Allegri, Italian painter, vi. 437; xxi. 437, 443.
- COREGONUS, genus of fishes, xi. 346; xix. 402, 650; xxi. 221, 223; xxiv. 137, 552.
- CORELLI, Arcangelo, Italian musical composer, vi. 394; xvii. 93.
- CORENTIN, St, bishop of Cornouailles, France, xx. 181.
- CORENZIO, Belisario, Greek Neapolitan painter, vi. 395; xx. 532.
- CORFU, island, Greece, vi. 395; xiii. 205; town, vi. 396.
- GORI, town, Italy, vi. 368.
- CORIANDER, plant and fruit, vi. 396; xii. 289.
- CORIAN Doll, in Roman carnival, v. 124.
- CORIGLIANO, town, Italy, vi. 396.
- CORINGA, town, India, vi. 396.
- CORINNA, Greek poetess, vi. 397.
- CORINNE, Madame de Stael's novel, xxii. 441.
- CORINTH, town, ancient Greece, vi. 397; coins of, xvii. 642; slaves in, xxii. 130; St Paul at, xviii. 420.
- CORINTHIAN ARCHITECTURE, Greek order, ii. 407; Roman order, ii. 415; inventor of the column in, iv. 709.
- CORINTHIANS, Epistles to the, vi. 399; xviii. 421.
- , Third Epistle to the, apocryphal book, xviii. 423.
- CORIO LANUS, Caius Marcius, Roman patrician, vi. 401.
- , Shakespeare's play, xxi. 764.
- CORIO LI, ancient town, Italy, vi. 402.
- CORITANI, early British tribe, xiv. 655; xvii. 556.
- CORK, bark of tree, vi. 402; formation of, xii. 17; the tree, xvii. 694; in Portugal, xix. 538; in Tunis, xxiii. 620.
- , county, Ireland, vi. 402; population and representation, xxiii. 727.
- , town, Ireland, vi. 405; library, xiv. 524; observatory, xvii. 711; Queen's College at, xxiii. 855.
- , Earl of (Richard Boyle), English statesman, iv. 183.
- AND ORRERY, Earl of (John Boyle), English writer, iv. 183.
- CORKWING, fish, xxiv. 686.
- CORLEAR, early Dutch settler, New York, xvii. 454.
- CORLEONE, town, Italy, vi. 406.
- CORLISS STEAM-ENGINE, xx. 507, 514.
- CORM, of plants, iv. 98; xx. 423.
- CORMAC, Irish king, xiii. 246.
- CORMENIN, Vicomte de, French jurist, vi. 406.
- CORMONTAIGNE, Louis de, French military engineer, vi. 407.
- CORMOPHYTA, division of vegetable kingdom, iii. 694.
- CORMORANT, bird, vi. 407.
- CORMORNE, musical instrument, xvii. 705.
- CORN, British trade in, vi. 413.
- , local thickening of the skin, xxii. 121.
- , Indian (Maize), xv. 309.
- CORNALIA, Corpuscles of, parasites in silkworms, xxii. 59.
- CORNARIUS, Janus, German physician, xv. 808.
- CORNARO, Luigi, Italian writer, vi. 417.
- CORNAVII, ancient British tribe, xxi. 648.
- CORNAVY, Joseph Émile, on classification of birds, xviii. 29, 35.
- CORN-BRUISER, agricultural implement, i. 326.
- CORNBURY, Lord, governor of New Jersey, U.S.A., xvii. 398.
- CORN CRAKE, bird, vi. 543; xx. 222.
- CORN-CRUSHER, agricultural implement, i. 326; primitive, ix. 343.
- CORNEA, of the eye, viii. 817; i. 886; diseases of the, xvii. 781.
- CORNEILLE, Mont, France, xx. 118.
- , Pierre, French dramatist, vi. 417; vii. 424; ix. 658; xx. 206.
- , Thomas, French dramatist, vi. 421; ix. 658; his Dictionnaire des Arts et des Sciences, viii. 194.
- CORNELIA, mother of the Gracchi, vi. 421.
- CORNELIUS, Peter von, German painter, vi. 421; xiv. 16.
- O'DOWD (Charles Lever), Papers by, xiv. 486.
- CORNELLI, Vincenzo Maria, his Biblioteca Universale, viii. 195.
- CORNELL UNIVERSITY, at Ithaca, New York, U.S.A., xxiii. 857.
- CORNET, musical instrument, xxiv. 787; ix. 351.
- CORNETO, town, Italy, vi. 423; viii. 634.
- CORN FLOUR, xv. 310.
- CORNHERT, Theodore, Dutch writer, vi. 423.
- CORNICE, in architecture, ii. 462.
- CORNISH DIALECT, v. 298; dictionaries of, vii. 188.
- CORNISH LITERATURE, ancient, v. 323.
- CORN-LAW RHYMES, by Elliott, viii. 149.
- CORN LAWS, English, vi. 408; ix. 754; their effect on agriculture, i. 304; agitation against, viii. 366; repeal of, vi. 84; xviii. 457.
- CORN-MILDEW, xvi. 293.
- CORNO, Monte, Italy, ii. 170; xiii. 437.
- CORNO DI BASSETTO, musical instrument, xvii. 708.
- CORNOUAILLES, Counts of, France, xx. 181.
- CORN-SALAD, vegetable, xii. 281.
- CORN THRIPS, insect, xxiv. 534.
- CORN TRADE, British, vi. 413; early laws regarding, i. 298.
- CORNU, Roman trumpet, xxiii. 592.
- , A., his simplification of diffraction problems, xxiv. 444.
- CORNUS, genus of plants, vii. 342.
- CORNUTUS, L. Annaeus, Roman Stoic philosopher, vi. 423; xviii. 662.
- CORNWALL, county, England, vi. 424; population and representation, xxiii. 727; ancient remains, xxi. 51; Celtic language of, v. 298; Celtic literature, v. 323; fisheries, ix. 253; miracle plays in, vii. 414; serpentine rocks of, xxi. 683.
- CORNWALLIS, First Marquis, British general, vi. 428; in American War, xxiii. 744; governor-general of India, xii. 803, 805.
- CORNWALLITE, mineral, xvi. 405.
- CORN WEEVIL, wheat pest, xxiv. 536.
- CORO, town, Venezuela, vi. 428.
- CORODY, Right of, obsolete prerogative of English crown, xix. 672.
- COROLLA, of plants, iv. 132.
- COROMANDEL COAST, India, vi. 428.
- CORONA, envelope of the sun, vi. 428; xxii. 645, 647; ii. 789; xi. 398; xiv. 597; xxiv. 435.
- CORONADO, F. Vasquez de, Spanish explorer, xvii. 309, 401.
- CORONATION, vi. 429.
- ISLAND, Antarctic Ocean, xvii. 407.
- OATH, England, xvii. 701.
- CORONEA, Greece, Battle of (394 B.C.), xxiii. 229.
- CORONELLI, Vincenzo, Italian geographer, vi. 430.
- CORONER, officer of the law, vi. 430.
- CORONER'S JURY, xiii. 786.
- CORONET, in heraldry, xi. 711; ducal, vii. 519.
- COROT, Jean Baptiste Camille, French painter, vi. 431.
- COROZO NUT, or Vegetable Ivory, xiii. 525; xvii. 664.
- CORPANCHO, Manuel Nicolas, Peruvian poet, xviii. 676.
- CORPI SANTI, suburb of Milan, Italy, xvi. 290.
- CORPORAL PUNISHMENT, Law of, xxiii. 465.
- CORPORA QUADRIGEMINA, CORPORA STRIATA, in the brain, i. 872; xix. 37.
- CORPORATION, vi. 432; in United States, xxiii. 785.
- CORPORATION-SOLE, xviii. 296.
- CORPULENCE, vi. 435; in pathology,

- XVIII. 389; diet for reduction of, VII. 204.
- CORPUS CHRISTI, church festival, VI. 436.
- CORPUS CHRISTI COLLEGE, Cambridge, IV. 731.
- CORPUS CHRISTI COLLEGE, Oxford, XVIII. 96.
- CORPUSCLES, Blood, I. 845.
- , Ultramundane, in Le Sage's atomic theory, III. 46.
- CORPUSCULAR THEORY, of light, XIV. 580, 598.
- CORPUS INSCRIPTIONUM GRÆCARUM, XIII. 122.
- CORPUS INSCRIPTIONUM LATINARUM, XIII. 127.
- CORPUS JURIS, of Justinian, XIII. 794.
- CORPUS JURIS CANONICI, V. 18.
- CORREA, greenhouse plant, XII. 263.
- DA SERRA, José Francisco, Portuguese politician and scientist, VI. 436.
- CORRECTION, Houses of, XIX. 748.
- CORREGGIO, Antonio Allegri, Italian painter, VI. 437; XXI. 437, 443.
- CORRESPONDENCE, in geometry, X. 392.
- CORRÈZE, department, France, VI. 438.
- CORRIE, Lough, Ireland, X. 55; XIII. 216; XV. 650.
- CORRICHE, Scotland, Battle of (1562), XV. 595.
- CORRIE, mountain recess, XXI. 525.
- CORRIENTES, town, Argentine Republic, VI. 439.
- CORRIEVRECKAN, whirlpool, Scotland, XXIV. 542.
- CORROSIVE SUBLIMATE, a chloride of mercury, XVI. 33; as poison, XIX. 277.
- CORRUPT PRACTICES PREVENTION ACT (1854), IV. 278.
- CORRY, town, Pennsylvania, U.S.A., VI. 439.
- CORSICA, island, Mediterranean, VI. 439; XIII. 440; XV. 820; dialect of, XIII. 494; ceded to ancient Rome, XX. 748; its connexion with France, XVII. 193; under Theodore I., XVII. 362.
- CORSINI, Lorenzo (Pope Clement XII.), V. 823.
- , Marietta, wife of Machiavelli, XV. 147.
- CORSINIEÆ, class of liverworts, XVII. 69.
- CORSLET, defensive armour, VI. 692.
- CORSOTHE, town, Mesopotamia, XVI. 48.
- CORSSEN, Wilhelm Paul, German philologist, VI. 440.
- CORT, Cornelius, Dutch engraver, VI. 441.
- CORTAILLOD, town, Switzerland, XVII. 362.
- CORTE NOVA, town, Italy, XVII. 608.
- CORTE-REAL, family of Portuguese navigators, VI. 441.
- CORTES, Spanish legislature, XXII. 303.
- , Hernan, conqueror of Mexico, VI. 441; I. 707; X. 182.
- , Martin, his Art of Navigation, XVII. 252.
- CORTHOL, musical instrument, XVII. 705.
- CORTI, Rods of, in the ear, I. 894; VII. 593.
- CORTICATA, division of Protozoa, XIX. 852.
- CORTICINE, floorcloth, XIV. 676.
- CORTICIUM CANDELABRUM, species of sponge, XXII. 414.
- CORTONA, town, Italy, VI. 442; VIII. 635.
- , Luca da, Italian painter, XXII. 50.
- CORTOREAL, Gaspar, explorer of Newfoundland, XVII. 385.
- CORUIK, Loch, Skye, Scotland, XXII. 127.
- CORUÑA, province, Spain, XXII. 298; town, VI. 443.
- CORUNDOPHYLLITE, mineral, XVI. 414.
- CORUNDUM, mineral, XVI. 385; XXI. 47; deposits of, in North Carolina, U.S.A., XVII. 560.
- CORUNNA, or Coruña, town, Spain, VI. 443; battle of (1809), XVI. 805; Lord Paget at, II. 31.
- CORVARA, Pietro di (Nicholas V., anti-pope), XVII. 484.
- CORVEY, Benedictine abbey, Saxony, VI. 443; library of, XIV. 513.
- CORVIDÆ, family of birds, VI. 617; XVIII. 48.
- CORVINUS, John Hunyady, king of Hungary, XII. 367, 368; XXIII. 642.
- , Marcus Valerius Messala, friend and patron of Tibullus, XXIII. 348.
- , Matthias, of Hungary, XII. 367, 368; XV. 634; library of, XIV. 515.
- CORVISART-DESMARETS, Baron de, French physician, VI. 443; XV. 816.
- CORVO, island, Azores, III. 172.
- CORVUS, genus of birds, VI. 617; XIII. 532; XX. 295, 842.
- , M. Valerius, Roman general, VI. 444.
- CORY, Giles, executed for witchcraft, in U.S.A., XXIV. 622.
- CORYATT, Thomas, English writer, VI. 444.
- CORYBANTES, in Greek mythology, VI. 444.
- CORYLUS, genus of trees, XI. 548.
- CORYPHÆUS, leader of chorus, in Greek tragedy, VI. 444.
- CORYPHODON, fossil ungulate mammal, XV. 426.
- CORYTHÆOLA, genus of birds, XXIII. 487.
- CORYTHUS, or Cortona, ancient town, Italy, VI. 443.
- COS, island, Asia Minor, VI. 444; ancient aqueduct at, II. 219; coins of, XVII. 647; Greek school of medicine at, XV. 800.
- COSCAROBA, bird, XXII. 732.
- COSCINOMANCY, divining with a sieve, VII. 293; XVII. 818.
- COSECANT, in trigonometry, XXIII. 563.
- COSEGUINA, volcano, Nicaragua, XVII. 477.
- COSENZA, town, Italy, VI. 445; province, IV. 651.
- COSIMO I. (dei Medici), grand-duke of Tuscany, XV. 789.
- II., of Tuscany, XV. 792.
- III., of Tuscany, XV. 793.
- DEI MEDICI (the Elder), ruler of Florence, XV. 784; IX. 138.
- COSIN, John, bishop of Durham, VI. 445; as hymn-writer, XII. 592.
- COSINE, in trigonometry, XXIII. 563.
- CÖSLIN, town, Prussia, XIV. 143.
- COSMAS, Byzantine hymn-writer, XI. 146.
- , surnamed Indicopleustes, ancient geographer, VI. 445; X. 177.
- of Prague, Bohemian historian, VI. 446.
- COSMATI, family of architects and sculptors, Rome, XX. 834.
- COSMO DE' MEDICI. See Cosimo.
- COSMOGONY, VI. 446; Chaldean, III. 193; myths of, I. 460; XVII. 143, 156; of the Stoics, XXII. 564.
- COSMOGRAPHY, Heylin's, XI. 785.
- COSMOLOGICAL THEISM, XXIII. 248.
- COSMOLOGY, Parmenides's, XVIII. 315; Philo's, XVIII. 762; Pythagorean, XX. 139.
- COSMOS, Humboldt's work, XII. 345.
- , Anaxagoras's theory of the, II. 1; Kepler's, XIV. 47.
- COSNE, town, France, VI. 448; XVII. 496.
- COSSA, Balthasar (Pope John XXIII.), XIII. 712.
- , Luigi, Italian economist, XIX. 394.
- COSSACKS, Russian tribes, VI. 448; V. 263; XXI. 79; origin of the name, XIV. 95; in Russian army, II. 610.
- COSSIMBAZAR, town, India, XIV. 14.
- COSSYA HILLS (Khasi Hills), district, India, XIV. 58.
- COSSYRA, island, Mediterranean, XVIII. 214.
- COSTA, Lorenzo, Italian painter, XXI. 437, 443.
- COSTÆ, or Ribs, Anatomy of, I. 822.
- COSTAL JOINTS, Anatomy of, I. 835.
- COSTAMBONE (Kastamuni), town, Asiatic Turkey, XIV. 14.
- COSTANZO, Angelo di, Italian historian, VI. 451.
- COSTA RICA, republic, Central America, VI. 449; Indian tribes in, XII. 828; newspapers, XVII. 437.
- COSTE, Jean J. C. V., on embryology, VIII. 166, 167.
- COSTELLO, Dudley, English journalist, VI. 451.

- COSTELLO, Louisa Stuart, English writer, VI. 451.
- COSTER, Laurens, Dutch printer, XIV. 143; XXIII. 689, 691.
- , Samuel, Dutch writer, XII. 94.
- COSTERMONGERS, in London, XIV. 829.
- COSTILLA, mountain, New Mexico, U.S.A., XVII. 399.
- COSTNITZ, or Constance (*q.v.*) town, Baden, VI. 297.
- COSTS, Legal, VI. 451.
- COSTUME, VI. 453; Celtic, V. 801; Egyptian, VII. 723; early Irish, XIII. 254; Persian, XVIII. 630.
- COSTUS, incense, XII. 718.
- COTA, Rodrigo, Spanish poet, VI. 479; VII. 420.
- COTAN (Khotan), district and town, Turkestan, XIV. 67.
- COTANGENT, in trigonometry, XXIII. 563.
- CÔTE D' OR, department, France, VI. 479.
- COTENTIN, district, Normandy, France, XV. 458; XVII. 540.
- COTES, Roger, English mathematician, VI. 479; his Logometria, XVII. 256; Newton's correspondence with, XVII. 447.
- CÔTES-DU-NORD, department, France, VI. 479.
- COTESWOLD HILLS, Gloucestershire, England, X. 687.
- COTHAM STONE, or Landscape Marble, XV. 529.
- CÖTHEN, town, Germany, XIV. 144.
- COTILE, genus of birds, XV. 581.
- COTOCACHI, mountain, Ecuador, VII. 645.
- COTOPAXI, volcano, Ecuador, VI. 480; VII. 644.
- COTRONE, town, Italy, VI. 616.
- COTSWOLD SHEEP, I. 392.
- COTTA, Johann Friedrich, German theologian, VI. 480.
- , Johann Georg, German publisher, VI. 480.
- VON COTTENDORF, Georg, German publisher, VI. 481.
- VON COTTENDORF, Johann Friedrich, German publisher, VI. 480; XVII. 428.
- COTTABATO, volcano, Philippines, XVIII. 749.
- COTTABUS, Greek game, VI. 481.
- COTTAGERS OF GLENBURNIE, Mrs Hamilton's story, XI. 415.
- COTTAGE SYSTEM, for farm labourers, in Scotland, I. 409.
- COTTEBUS, town, Prussia, XIV. 144.
- COTTENDORF, Cotta von, German publishers, VI. 480. See Cotta.
- COTTEREAU, Jean, French royalist, V. 686.
- COTTIAN ALPS, I. 623.
- COTTIN, Sophie, French novelist, VI. 481.
- COTTIUS, chief of Segusio (Susa), Italy, XXII. 722.
- COTTON, VI. 482; of Brazil, IV. 227; of Egypt, VII. 708, 786; of India, XII. 748; bleaching of, III. 812; growth of, in Bombay, IV. 23; in the United States, XXIII. 824; in Georgia, U.S.A., X. 435; manufacture of, VI. 487; manufacture in England, VIII. 230; in India, XII. 761, 763; in Russia, XXI. 849; at Lowell, U.S.A., XV. 29; dyeing of red colours on, VII. 576.
- , Charles, English writer, VI. 508; his share in the Compleat Angler, XXIV. 342.
- , George Edward Lynch, bishop of Calcutta, VI. 508.
- , John, New England Puritan, XII. 726.
- , Sir Robert Bruce, political writer and founder of Cottonian library, VI. 509.
- , Stapleton, Viscount Combermere, VI. 181.
- FIBRE, IX. 133.
- COTTONIAN LIBRARY, in British Museum, VI. 509.
- COTTONIAN MSS., British Museum, XIV. 515.
- COTTON PAPER, XVIII. 218.
- COTTON-SEED CAKE, XVII. 739.
- COTTON-SEED OIL, XVII. 745.
- COTTON-SPINNING, Robert Owen's improvements in, XVIII. 87.
- COTTON-SPINNING FRAME, Invention of, II. 541.
- COTTONSTONE, mineral, XVI. 423.
- COTTON-WOOD, tree, XIX. 512.
- COTTON YARNS, XXIV. 731.
- COTTUS, genus of fishes, XVI. 320.
- COTUNNITE, mineral, XVI. 384.
- COTURNIX, genus of birds, XX. 146.
- COTYLE, Greek measure, XXIV. 485.
- COTYLEDONS, in plants, IV. 92, 156.
- COTYLOPHORA, group of ungulate mammals, XV. 430.
- COTYORA, town, Asia Minor, XIX. 459.
- COTYS, Thracian kings, VI. 509.
- COUAGGA (Quagga), ungulate mammal, XX. 146.
- COUCH, fish, XXI. 223.
- COUCHES, furniture, IX. 850.
- COUGHING, abnormal respiration, XX. 479.
- COUGOUAR, carnivorous mammal, XV. 435; XX. 104.
- COULANGES, Christophe de, Abbé de Livry, XXI. 703.
- COULOMB, Charles Augustin, French physicist, VI. 509; his contributions to the science of electricity, VIII. 9, 18; to science of magnetism, XV. 237, 249.
- , electrical unit of measurement, XXIII. 116.
- COULTER, Loch, Stirlingshire, Scotland, XXII. 553.
- COULTERNEB, bird, XX. 101.
- COUMARIN, perfume, XVIII. 526.
- COUNCIL, Ecclesiastical, VI. 510; list of oecumenical councils, VI. 511.
- , Municipal, XVII. 27.
- , Vatican (1869-70), XXIV. 110.
- BLUFFS, town, Iowa, U.S.A., VI. 512.
- OF BASEL (1431-43), III. 409.
- OF CONSTANCE (1414-18), VI. 297.
- OF TEN, Venetian, XXIV. 143.
- OF TRENT (1545-63); XXIII. 543; Sarpi's History of, XXI. 312.
- COUNT, title, VI. 512; XXIII. 418; German, XVIII. 461.
- COUNTERPOINT, in music, XVII. 82.
- COUNTERSCARP, in fortification, IX. 422.
- COUNTESS, title, VI. 512; VII. 595.
- COUNT JULIAN, Landor's tragedy, XIV. 278.
- COUNTRY WIFE, The, Wycherley's play, XXIV. 706.
- COUNTRY, administrative area, VI. 512; origin of, in England, VIII. 273; American, XXIII. 731, 827.
- COURT, Jurisdiction of, VI. 513.
- COUP D'ÉTAT, of Louis Napoleon (1851), XVII. 228.
- COUP DE SOLEIL, or Sunstroke, XXII. 666.
- COURAYER, Pierre François le, French theologian, VI. 514.
- COURBARIL, tree, II. 55.
- COURIER, of ambassador, I. 658; Government, XIX. 562.
- , Paul Louis, French writer, VI. 514; IX. 673.
- COURLAN, bird, XX. 223.
- COURLAND, province, Russia, VI. 515; XXI. 69.
- COURNOT, Augustin, French economist, XIX. 386.
- COURONS, tribe, Lithuania, XIV. 702.
- COURS, town, France, XX. 529.
- COURSEUR, bird, XIX. 228.
- COURSING, with greyhounds, VI. 515.
- COURT, COURTS, Judicial, VI. 516; of appeal, II. 209; of summary jurisdiction, XXII. 641; English, VIII. 261; records of English, XX. 311; Federal, United States, XXIII. 750; Moslem, XVI. 591.
- , Contempt of, VI. 318.
- , Antoine, French Protestant, VI. 519; XIX. 695; missionary of the Camisards, IV. 744.
- DE GEBELIN, Antoine, French scholar, VI. 520.
- COURTESY TITLES, British, XIX. 665.
- COURT FOOLS, IX. 366.
- COURTHOSE, Robert, founder of Newcastle-on-Tyne, XVII. 379.
- COURT MARTIAL, VI. 517; XVI. 297.
- COURTNEY, William, archbishop of Canterbury, XXIV. 711.
- COURT OF LOVE, by Chaucer, V. 451.

- COURT OF SESSION, in Scotland, XXI. 535.
- COURTOIS, Jâques and Guillaume, French painters, VI. 520.
- COURTRAI, town, Belgium, VI. 520; battle of (1302), IX. 544.
- COURTS. See Court.
- COURTSHIP OF MILES STANDISH, Longfellow's poem, XIV. 861.
- COUSA, or Phalanger, marsupial mammal, XVIII. 727.
- COUSIN, Victor, French philosopher, VI. 521; IX. 674.
- COUSTOU, Nicholas and Guillaume, French sculptors, VI. 528.
- COUTANCES, town, France, VI. 529; district, XVII. 539.
- COUTHON, Georges, French Revolutionist, VI. 529; XX. 604.
- COUTTS, Thomas, English banker, VI. 529.
- COVELLINE, mineral, XVI. 393.
- COVENANT, Book of the, Pentateuchal, XVIII. 509.
- , National (1638), in Scotland, XI. 651; XXI. 512.
- , Solemn League and, in Scotland (1643), VI. 530; XXI. 513.
- COVENANTERS, in Scottish history, VI. 529; XIX. 682; XXI. 515; persecution of, by Claverhouse, VII. 537.
- COVENT GARDEN MARKET, London, XIV. 829, 847.
- COVENTRY, town, England, VI. 530; population, XXIV. 379; ribbons of, XX. 532.
- CHAIR, driven as tricycle, XXIII. 560.
- PLAYS, English miracle-plays, VII. 414.
- COVE OF CORK (Queenstown), town, Ireland, XX. 175.
- COVERDALE, Miles, translator of English Bible, VI. 531; his version, VIII. 385.
- COVERED WAY, in engineering, XXIII. 622; in fortification, IX. 445.
- COVILHA, town, Portugal, VI. 531; XIX. 537.
- COVILHAM, Pedro de, Portuguese traveller, I. 65; X. 180.
- COVINGTON, town, Kentucky, U.S.A., VI. 531; XVII. 406.
- COW, Milch, management of, I. 390; VI. 768; diseases of, XXIV. 204; milk of, XVI. 303; respect paid to, by Hindus, IV. 211; by Zoroastrians, XXIV. 822.
- , The, statue by Myron, XVII. 120.
- COWELL, John, English jurist, VI. 531.
- COWES, West and East, towns, Isle of Wight, VI. 531.
- COWEY STAKES, in Thames, Middlesex, England, XVI. 281.
- COWLEY, Abraham, English poet, VI. 532; VIII. 418.
- COW-PARSNIP, as forage plant, I. 378.
- COWPER, William, English poet, VI. 533; his friendship with John Newton, XVII. 449; hymns by, XII. 594; his place in English literature, VIII. 429.
- COWPER, William, anatomist, I. 813.
- COWPER'S WRITING - TELEGRAPH, XXIII. 121.
- COW-POX, XIII. 623; XXIV. 25, 204.
- COWRY, shell and money, VI. 535, 766.
- COWSLIP, plant, XIX. 737.
- COWS OF ATHOR, in Egyptian mythology, III. 14.
- COX, David, English painter, VI. 535.
- , Richard, bishop of Ely, VI. 537.
- COXCIE, Michael, Flemish painter, VI. 537.
- COXCOX, the Mexican Noah, XVI. 209.
- COXE, William, archdeacon, English writer, VI. 537.
- COXON, John, buccaneer, IV. 410.
- COXWELL, Henry T., aeronaut, I. 193.
- COYNE AND LIVERY, right of free quarters, in Ireland, XIII. 262.
- COYPEL, family of French painters, VI. 537.
- COYPU, rodent mammal, XV. 420; XVI. 301.
- COYSEVOX, or Coyzevox, Charles Antoine, French sculptor, VI. 537; XXI. 563.
- CRAB, crustacean, VI. 538, 655; spermatozoon of, XX. 411; fisheries, IX. 265.
- CRABBE, George, English poet, VI. 539.
- CRAB ISLAND, West Indies, XXIV. 261.
- CRAB ORCHARD, spa, Kentucky, U.S.A., XVI. 436.
- CRACINÆ, group of birds, VI. 709.
- CRACKER, in pyrotechny, XX. 136.
- CRACKNELS, biscuits, III. 252.
- CRACOW, town, Austrian Poland, VI. 540; university of, XIX. 300, 306; XXIII. 840, 851.
- CRADLE MOUNTAIN, Tasmania, XXIII. 72.
- CRAFT-GUILDS, VI. 39; XI. 261.
- CRAFTSMAN, The, Amhurst's newspaper, I. 738; XX. 104.
- CRAFTSMEN, as distinct from labourers, XIV. 166.
- CRAIG, John, Scottish Reformer, VI. 541.
- , Dr John, friend of Napier, XVII. 182.
- , Sir Thomas, Scottish jurist and poet, VI. 541; XVII. 177; XXI. 543.
- CRAIGENTINNY MEADOWS, Edinburgh, Sewage irrigation of, I. 374.
- CRAIGNETHAN CASTLE, Lanark, Scotland, XIV. 251.
- CRAIK, George Lillie, English writer, VI. 542.
- CRAIL, town, Scotland, VI. 542.
- CRAJOVA, town, Roumania, XIV. 146.
- CRAKE, bird, VI. 542; XX. 224.
- CRAMALT CRAIG, mountain, Scotland, XVIII. 451.
- CRAMER, Gabriel, his method of determinants, I. 516.
- CRAMMING, for examinations, VIII. 779.
- CRAMP, muscular disease, VI. 543; rings worn as preservative against, XX. 561.
- CRAN, river, England, XVI. 279.
- CRANACH, Lucas, German painter and caricaturist, VI. 543; V. 104; XXI. 438, 443.
- CRANBERRY, plant and fruit, VI. 545; XII. 270.
- CRANBORNE CHASE, Wilts, England, XXIV. 593.
- CRANBROOK, town, England, VI. 546.
- CRANE, bird, VI. 546.
- , hoisting machine, VI. 547.
- , Francis, English tapestry designer, XXIII. 213.
- DANCE, in Greece and Siberia, XXIII. 294.
- CRANE-FLY, insect, VII. 256.
- CRANESBILL, plant, X. 439.
- CRANGANORE, town, India, XIV. 135.
- CRANGON, genus of Crustacea, XXI. 846.
- CRANIADÆ, family of Brachiopoda, IV. 194.
- CRANIAL NERVES, I. 880; XIX. 42.
- CRANIATA, division of vertebrate animals, XXIV. 181, 812.
- CRANIUM, or Skull, I. 822; XXII. 113; of American Indians, XII. 824; surgery of, XXII. 688; successive stages of, in the fowl, III. 700.
- CRANK-SHAFT, of steam-engine, XXII. 509.
- CRANMER, Thomas, archbishop of Canterbury, VI. 548; VIII. 333, 340; XI. 664; leader of the Reformation in England, XX. 330; his influence on the English Church, VIII. 376.
- CRANNOGS, Celtic lake dwellings, VI. 552; II. 384; XIV. 223.
- CRANTOR, Greek philosopher, VI. 552.
- CRANTZ, Albert, German historian, XIV. 146.
- CRAON, Robert de, grand-master of Knights Templars, XXIII. 160.
- CRAPE, silk fabric, VI. 553.
- CRASHAW, Richard, English poet, VI. 553.
- CRASSAPUILL TROUT, fish, XXI. 223.
- CRASSUS, L. Calpurnius, conspirator against the emperor Nerva, XVII. 353.
- , Lucius Licinius, Roman orator, VI. 553.
- , Marcus Licinius, Roman triumvir, VI. 554; XIX. 451; XX. 763, 765; his invasion of Mesopotamia, XVIII. 596.
- CRATÆGUS, genus of plants, XI. 536.
- CRATER, ancient cup, XIX. 180, 614.
- CRATES of Athens, actor and writer of comedies, VI. 554.
- of Mallus, grammarian and Stoic philosopher, VI. 554; XI. 43; XV. 516.
- of Thebes, Cynic philosopher, VI. 554.
- CRATHIS, river, Lucania, Italy, XV. 37.
- CRATINUS, Greek comedian, VI. 554.
- CRATIPPUS, Greek historian, VI. 554.

CRATIPPUS, Peripatetic philosopher, VI.

554.

CRATYLUS, Plato's dialogue, XIX. 202.

CRAU, district, France, IV. 169.

CRAUFORD, Quentin, English antiquary, VI. 554.

CRAWFORD, Earl of, his observatory, Dun Echt, Scotland, XVII. 711.

—, Thomas, American sculptor, VI. 554.

—, William Harris, American statesman, XXIII. 759, 761, 788.

— ISLAND, Sierra Leone, Africa, XXII. 45.

CRAWFURD, John, English political writer, VI. 555.

CRAYER, Gaspard de, Flemish painter, VI. 555.

CRAY-FISH, crustacean, VI. 643, 658; of Mammoth Cave, U.S.A., XV. 450.

CRAYON, material for drawing, VI. 555.

CRAZY MOUNTAINS, U.S.A., XXIII. 797.

CREAM, of milk, XVI. 303, 305; clotted, VI. 771.

— OF TARTAR, chemical salt, VI. 556; XXIII. 69.

CREAMOMETER, XVI. 305.

CREASOTE, or Creosote, antiseptic, drug, and poison, VI. 556; XXIII. 57.

CREATIN, or Creatine, nitrogenous carbon compound, XVII. 519; XIX. 24.

CREATION, in Arabian philosophy, II. 266; evolutionist view of, VIII. 752; myths of, XVII. 146, 156; theories of, VI. 446.

—, The, Haydn's oratorio, XI. 539.

— OF MAN, The, early traditions regarding, I. 136, 137; myths of, XVII. 157.

— OF THE WORLD, Era of the, V. 713.

CRÉBILLON, Claude Prosper Jolyote, French novelist, VI. 556; IX. 666.

—, Prosper Jolyote de, French poet, VI. 557; VII. 425; IX. 665.

CRÉCY, or Cressy, town, France, VI. 557; battle of (1346), VII. 686; VIII. 318; IX. 546.

CREDI, Lorenzo di, Italian painter, VI. 557; XXI. 435, 442.

CREDIT BANKS, in Germany, Schulze Delitzsch's, VI. 214, 339.

CREDIT COMPANIES, III. 328.

CRÉDIT FONCIER, CRÉDIT MOBILIER, credit banks, VI. 557.

CREDITON, town, England, VI. 558.

CREDITOR AND DEBTOR, XVIII. 440; in Roman law, XX. 685.

CREDNERITE, mineral, XVI. 387.

CREDOS, Sierra de, mountains, Spain, XXII. 294.

CREECH, Thomas, English translator, VI. 558.

CREDS, authorized formularies of doctrine, VI. 558.

CREEK INDIANS, North America, X. 437; XII. 828, 835.

CREEK TOWN, Calabar, West Africa, IV. 649.

CREFELD, town, Germany, VI. 565; silk manufacture of, XXII. 65.

CREIL, town, France, XVII. 749.

CREMA, town, Italy, VI. 565.

CRÉMAILLÈRE LINES, in fortification, IX. 435, 437.

CREMATION, method of disposing of human corpses, VI. 565.

CREMNA, town, Asia Minor, XIX. 130.

CREMONA, province, Italy, VI. 567.

—, town, Italy, VI. 567; its school of painting, XXI. 437, 443; violin makers of, XVII. 98.

CREMORNE, musical instrument, XXIII. 489.

CRENELLE, in architecture, II. 463.

CRENIDES (Philippi), ancient town, Macedonia, XVIII. 746.

CRENILABRUS, genus of fishes, XXIV. 686.

CREOLE, VI. 567; XVII. 319.

CREON, king of Corinth, in Greek fable, VI. 567; XIII. 596.

—, king of Thebes, in Greek fable, VI. 567.

CREOSOL, product of wood-tar distillation, XXIII. 57.

CREOSOTE, or Creasote, antiseptic, drug, and poison, VI. 556; XXIII. 57.

— OIL, XXIII. 59; as fuel, IX. 809.

CRESCENT, The, its adoption by the Turks as their symbol, IV. 615.

— AND THE CROSS, Warburton's work, XXIV. 367.

CRESCENTIA, Roman martyr, XXIV. 266.

CRESCENTIUS, or Crescenzo, Roman patrician, XIII. 711; XX. 789.

CRESCENZIO, Cardinal, president of council of Trent, XXIII. 546.

CRESCIMBENI, Giovanni Mario, Italian poet, VI. 568; XV. 145.

CRESOL, product of wood-tar distillation, XXIII. 57.

CRESPHONTES, king of Messenia, Greece, XVI. 53.

CRESPI, Daniele, Italian painter, VI. 568.

—, Giovanni Battista, Italian sculptor, VI. 568.

—, Giuseppe Maria, Italian painter, VI. 568.

CRESPI, France, Peace of (1544), IX. 557.

CRESS, vegetable, XII. 281, 289.

—, Water, plant, XVII. 239.

CRESS-SEED OIL, XVII. 744.

CRESSWELL, Sir Cresswell, English judge, VI. 568.

CRESSY, or Crécy, town, France, VI. 557; battle of (1346), VII. 686; VIII. 318; IX. 546.

CREST, in heraldry, XI. 709.

—, town, France, VI. 568.

CRESWICK, Thomas, English painter, VI. 568.

CRETACEOUS ROCKS, X. 357.

CRÊT DE LA NEIGE, mountain, Switzerland, XIII. 781.

CRETE, or Candia, island, Mediterranean, VI. 569; XV. 820; XXIII. 653; its connexion with Phœnicia, XVIII. 805; cession of, to the Turks (1669), XI. 121; XXIV. 147; coins of, XVII. 635, 643; Greek dialect of, XI. 133; weights and measures, XXIV. 490.

CRÉTIN, Guillaume, early French writer, IX. 647.

CRETINISM, disease, VI. 572; XIII. 98; XVIII. 375, 385.

CREUSE, department, France, VI. 574.

CREUSOT, or Creuzot, town, France, VI. 575; XXI. 302.

— COMPANY, France, their iron works, XXI. 332.

CREUTZ, Gustav Philip, Count, Swedish poet, VI. 574; XXII. 756.

CREUZER, Georg Friedrich, German philologist, VI. 574; on mythology, XVII. 137.

CREUZNACH, town, Prussia, XIV. 148.

CREUZOT, or Creusot, Le, town, France, VI. 575; XXI. 302.

CREVASSES, in glaciers, X. 627.

CREVAUX, Jules, explorer of Pilcomayo river, XIX. 188.

CRÈVE-CŒUR, fowl, XIX. 645.

CREVIER, Jean Baptiste Louis, French writer, VI. 575.

CREWE, town, England, VI. 575.

CREWELS, worsteds, XIV. 127.

CREX, genus of birds, XX. 222.

CRIBBAGE, game, VI. 575.

CRIBLÉ, method of engraving, VIII. 437.

CRICETUS, genus of rodent mammals, XI. 433; XV. 419.

CRICHTON, James, The Admirable Crichton, VI. 577.

—, Sir William, Scottish chancellor, XXI. 493.

CRICKET, game, VI. 578.

—, insect, VI. 578; XIII. 152; mole cricket, as wheat pest, XXIV. 534.

CRICKLADE, town, England, VI. 582; representation, XXIV. 594.

CRIEFF, town, Scotland, VI. 582; XVIII. 667.

CRIME, VI. 582; in primitive communities, VIII. 624; in British army, XVI. 299; juvenile, XX. 338; police action in regard to, XIX. 334; punishment of, XIX. 747; Roman law in relation to, XX. 675.

CRIMEA, peninsula, Russia, VI. 585; III. 796; population of, XXIII. 70; conquest of, by Russia (1771), XXI. 100; annexed by Russia (1783), XXIII. 647; ancient plate found in, XIX. 182.

CRIMEAN WAR (1854), XXIII. 651; I. 46; VIII. 366; IX. 623; XVII. 228, 486; XX. 220; XXI. 102; its influence on

- Germany, x. 509; siege of Sebastopol, XXI. 616.
- CRIMINAL COURTS, England, vi. 516.
- CRIMINALIS, Antonio, Jesuit missionary, XVI. 513.
- CRIMINAL LAW, vi. 587; Feuerbach on, ix. 124.
- CRIMMITZSCHAU, town, Saxony, vi. 590.
- CRIMSON DYES, vii. 575; cochineal, vi. 97; kermes, xiv. 49.
- CRIM (or KRIM) TATARS, xvi. 748; xxii. 174.
- CRINAN CANAL, Scotland, ii. 500.
- CRINOIDEA, order of Echinodermata, vii. 635.
- CRISA, or Crissa, ancient town, Greece, vi. 590; xviii. 801.
- CRISIA EBURNEA, species of Polyzoa, xix. 438.
- CRISPIN, Le Sage's drama, xiv. 472.
- AND CRISPINIAN, Sts, vi. 590.
- CRISPINUS, satirized by Juvenal, xiii. 805.
- CRISSA, ancient town, Greece, vi. 590; xviii. 801.
- CRISTATELLA MUCEDO, species of Polyzoa, xix. 432.
- CRISTOFANO, Francesco di, Italian painter, ix. 689.
- CRISTOFORI, Bartolomeo, inventor of pianoforte, xvii. 94; xix. 70.
- CRITIAS, Greek orator and poet, vi. 591; on the development of man, viii. 756.
- , Plato's dialogue, xix. 209.
- CRITIC, The, Sheridan's play, xxi. 799.
- CRITICISM, relation of Italian humanism to, xx. 386.
- CRITIQUE OF PURE REASON, Kant's work, xiii. 850.
- CRITO, Plato's dialogue, xix. 199.
- CRIVELLI, Carlo, Venetian painter, vi. 591; xxi. 436.
- , Uberto (Pope Urban III.), xxiv. 8.
- CRIVETS, north-east wind, in Roumania, xxi. 15.
- CROAGH PATRICK, mountain, Ireland, xv. 650.
- CROATIA AND SLAVONIA, crown-land, Hungary, vi. 591.
- CROATS, race of people, xxi. 688; xxii. 145.
- CROBO, tribe and language, Gold Coast, Africa, x. 756.
- CROCE, Pania della, mountain, Italy, xiii. 438.
- CROCHET, looped thread work, xiv. 127.
- CROCIN, red-colouring matter, xxi. 146.
- CROCKET, in architecture, ii. 463.
- CROCODILE, reptile, vi. 592; in Africa, i. 260; in Egypt, vii. 713; Aristotle on, xx. 432.
- (Limpopo), river, South Africa, i. 250; xxiii. 517.
- CROCODILIA, order of reptiles, vi. 592; xx. 439, 444; olfactory organs of, xxii. 166; in Lankester's classification, xxiv. 812. See Crocodile.
- CROCOISITE, mineral, xvi. 403.
- CROCUS, plant, xii. 255.
- , Autumn, plant, vi. 124.
- CRÆSUS, king of Lydia, vi. 594; ii. 712; xv. 99; overthrown by Cyrus, vi. 753; xviii. 565.
- CROFT, William, English musical composer, vi. 594.
- CROFTERS, Scottish, xxi. 531; xxii. 127; in Orkney and Shetland, xviii. 847.
- CROFTING, in bleaching, iii. 820.
- CROFTON, Sir Walter, his system of prison discipline, xix. 754.
- CROGAN PALACE, Roscommon, Ireland, xx. 850.
- CROGHAN KINSHELA, mountain, Ireland, xxiv. 521.
- CROIX-DE-RAU (Rocroi), town, France, xx. 616.
- CROKE, Richard, early English scholar, viii. 414.
- CROKER, John Wilson, English critic, vi. 595.
- , Thomas Crofton, Irish antiquary, vi. 595.
- CROLL, James, on climate, x. 218.
- CROLY, George, English divine and poet, vi. 595.
- CROMARTY, county, Scotland, vi. 596; xx. 853; xxi. 528; town, vi. 596; xx. 854.
- CROME, John, English painter, vi. 596; xxi. 441, 444.
- CROMLECH, monumental stone or circle of stones, vi. 597; ii. 383; iii. 397; xxi. 51; in Cornwall, England, vi. 427; in Wiltshire, England, iii. 144; in Ireland, vii. 383; in Peru, ii. 451.
- CROMMYONIAN SOW, of Greek legend, xxiii. 294.
- CROMPTON, Samuel, inventor of the spinning mule, vi. 597, 496.
- CROMWELL, Oliver, Lord Protector of the British Commonwealth, vi. 597; viii. 347, 348; his rule in Ireland, xiii. 267; his invasion of Scotland, xxi. 514; his relations with Presbyterianism, xix. 689; Milton's relations with, xvi. 332.
- , Thomas, earl of Essex, vi. 604; viii. 334; xi. 664.
- CRONION, sacred hill, Olympia, Greece, xvii. 768.
- CRONSTADT, town, Austria, vi. 608.
- , town, Russia, vi. 607.
- CRONSTEDTITE, mineral, xvi. 414.
- CRONUS, of Greek legend, xxi. 320.
- CROOKED LAKE, New York, U.S.A., xvii. 451.
- CROOKESITE, mineral, xvi. 392; xxiii. 219.
- CROOMEN, or Croos, Negro race, West Africa, xiv. 149.
- CROPS, Agricultural, i. 354; in Middle Ages, i. 294; rotation of, i. 340; Liebig's chemical analysis of, xiv. 567.
- CROQUET, out-door game, vi. 608.
- CROQUIS, Alfred (Daniel Maclise), Scottish painter, xv. 165.
- CROSBIE, aeronaut, i. 191.
- CROSBY'S STEAM INDICATOR, xxii. 490.
- CROSIER, or Crozier, archbishop's staff, vi. 463, 614.
- CROSS, instrument for inflicting capital punishment, vi. 610; sacred symbol, vi. 612; supposed relics of Christ's, vi. 611; stigmatization of, xxii. 549.
- , in architecture, ii. 463.
- , in heraldry, xi. 695.
- CROSS-BEARINGS, of the sun, in navigation, xvii. 271.
- CROSSBILL, bird, vi. 614; migrations of, iii. 769.
- CROSS-BRED SHEEP, i. 393.
- CROSSES, Sculptured, English, xxi. 557.
- CROSSING OF BREEDS, of animals, iv. 246, 250.
- CROSSING THE BROOK, Turner's picture, xxiii. 666.
- CROSSLEY'S OBSERVATORY, Bermerside, England, xvii. 711.
- CROSSOPUS, genus of insectivorous mammals, xv. 403; xxi. 844.
- CROSSORHINUS, genus of sharks, xxi. 775.
- CROSSRAGWELL, Abbot of, his disputation with Knox, xiv. 132.
- CROSS - STAFF, astronomical and nautical instrument, xvii. 251, 254, use of, in finding latitude, x. 187.
- CROTALIDÆ, family of snakes, xxii. 193, 198.
- CROTALUS, genus of snakes, xx. 293; xxii. 198.
- CROTCH, William, English musical composer, vi. 615; xvii. 97.
- CROTONA, or Croton, ancient town, Italy, vi. 615; Pythagoras at, xx. 138.
- CROTON AQUEDUCT, New York, U.S.A., ii. 223; xvii. 465; tunnel, xxiii. 624.
- CROTON OIL, vi. 615; xvii. 744.
- CROUCHBACK, Edmund, earl of Lancaster, xiv. 255.
- CROUP, disease, vi. 616; spasmodic, xxiii. 320.
- CROUSAZ, Jean Pierre de, Swiss philosopher, vi. 617; xxii. 798.
- CROW, bird, vi. 617; xx. 842.
- CROWBOROUGH BEACON, Sussex, England, xxii. 723.
- CROWD, musical instrument, xxiv. 242.
- CROWE, Eyre Evans, English historian, vi. 619.
- CROWLAND, town, England, vi. 619; abbey of, xiv. 656; bridge at, iv. 331.
- CROWN, of king or emperor, vi. 619.
- , in heraldry, xi. 710.

- CROWN, Demosthenes's oration on the, VII. 71.
 —, The British, prerogatives of, XVIII. 310; XIX. 672.
 — IMPERIAL, plant, XII. 255.
 — LANDS, in England, VIII. 298.
- CROWS, American-Indian tribe, XII. 832.
- CRUTHER, Samuel, Negro bishop, XVII. 498; XXIV. 754.
- CROYDON, town, England, VI. 621; XXII. 694.
- CROYLAND, or Crowland (*q.v.*), town, England, VI. 619; bridge at, IV. 331.
- CROZAT, Antoine, settler in Louisiana, U.S.A., XV. 22.
- CROZIER, archbishop's staff, VI. 463; 614.
- CRUCHADE, kind of porridge, used in Gascony, France, XVIII. 476.
- CRUCIBLE MELTING FURNACE, IX. 843.
- CRUCIBLE STEEL, XIII. 342.
- CRUCIFIX, VI. 612.
- CRUCIFIXION, VI. 610; of Jesus Christ, XIII. 660, 669.
- CRUDEN, Alexander, author of Concordance to Bible, VI. 621.
- CRUIKSHANK, George, English caricaturist, V. 105.
 —, William, on the anatomy of the lymphatic system, I. 815.
- CRUISERS, Iron-clad, XVII. 286.
- CRUM, Walter, of Thornliebank, on the chemistry of dyeing, VII. 580.
- CRUMEN GLAND, of antelopes and deer, XV. 348.
- CRUMLIN VIADUCT, Wales, IV. 338.
- CRUMN, king of Bulgaria, XVII. 481.
- CRUMWELL, or Cromwell (*q.v.*), Thomas, earl of Essex, VI. 604.
- CRUNODE, in geometry, XXII. 669.
- CRUONINGA (Groningen), ancient town, Holland, XI. 207.
- CRUSADERS, Coins of the, XVII. 658.
- CRUSADES, VI. 622; XVI. 588; their economic effects, XIX. 352; England's share in them, VIII. 296; their influence on Egypt, VII. 752; on France, IX. 537; on the Greek empire, XI. 118; on the military system of Europe, II. 564; connexion of knights with, XIV. 115; XXIII. 160; in relation to geographical knowledge, X. 178; to the popedom, XIX. 499; effects of the first in Asia Minor, II. 713; St Bernard's preaching of the second, III. 603; under Richard I. of England, XX. 540; Joinville's History of, XIII. 734; Villehardouin's chronicle of the fifth, XXIV. 229.
- CRUSADING ORDERS, of knighthood, in Spain, XXII. 316.
- CRUSCA, Accademia della, I. 73.
- CRUSENSTOLPE, Magnus Jakob, Swedish historian, VI. 632; XXII. 758.
- CRUSIUS, Christian August, German theologian, VI. 632.
- CRUSTACEA, class of animals, VI. 632; XVII. 116; embryology of, XX. 419; organs of touch in, XXIII. 478; distribution of, VII. 278, 283; parasites of, XVIII. 259; in Lankester's classification, XXIV. 813.
- CRUVEILHIER, Jean, French anatomist, VI. 667; I. 816.
- CRUZ, Juan de la, Spanish mystic, VI. 667; XXII. 359.
- , Ramon de la, Spanish dramatist, VI. 667.
- CRYING, abnormal form of respiration, XX. 479.
- CRYOLITE, mineral, VI. 667; XVI. 384; XXII. 240.
 — SODA, XXII. 244.
- CRYOPHORUS, freezing apparatus, VIII. 731.
- CRYOPHYLLITE, mineral, XVI. 413.
- CRYPT, in architecture, VI. 667; II. 463.
- CRYPTOBRANCHUS, genus of Amphibia, I. 759.
- CRYPTODIRA, group of chelonian reptiles, XXIII. 457.
- CRYPTOGAMOUS PLANTS, IV. 92, 140, 157.
- CRYPTOGAMS, Cellular, XIV. 552; vascular, XX. 426.
- CRYPTOGRAPHY, writing in cipher, VI. 669; Wheatstone's contributions to, XXIV. 538.
- CRYPTOLITE, mineral, XVI. 403.
- CRYPTOPIA, vegetable alkaloid, XVII. 232.
- CRYPTOPROCTA, genus of carnivorous mammals, XV. 170, 435.
- CRYPTURI, group of birds, XVIII. 45; XXIII. 403.
- CRYSTAL, or Flint Glass, Manufacture of, X. 663.
- CRYSTALLINE PLATES, Colours of, XXIV. 450.
- CRYSTALLIZATION, of rocks, X. 259.
- CRYSTALLOGRAPHY, VI. 671; XVI. 346; Haiüy's contributions to, XI. 523; Mitscherlich's, XVI. 531.
- CRYSTAL PALACE, London, VIII. 803; XIV. 836; architecture of, II. 453.
- CRYSTALS, VI. 671; XIV. 613; XVI. 346; magnetism of, XV. 265; uniaxal and biaxal, XIV. 613; XXIV. 449.
- CSOKONAI, Mihály Vitez, Hungarian poet, VI. 677; XII. 377.
- CSOMA DE KÖRÖS, Alexander, Hungarian philologist, VI. 677; XXIII. 346.
- CTENIDIOBRANCHIA, suborder of Mol-lusca, XVI. 645, 655.
- CTENODRILUS, genus of worms, XXIV. 678.
- CTENOLABRUS, genus of fishes, XXIV. 686.
- CTENOPHORA, group of animals, I. 131; XII. 547, 565; in Lankester's classification, XXIV. 812.
- CTENOSTOMA, group of Polyzoa, XIX. 437.
- CTESIAS, Greek physician and historian, VI. 677; on the topography of Babylon, III. 182; on the Medo-Persian empire, XVIII. 561; on Semiramis, XXI. 639.
- CTESIBIUS, inventor of forcing pump, XII. 435.
- CTESIPHON, ancient town, Assyria, VI. 677; XVI. 51; siege of (199), XVIII. 605.
 —, friend of Demosthenes, I. 208; VII. 71.
- CUBA, island, West Indies, VI. 678; XXII. 298; XXIV. 510; freshwater fishes of, XII. 674; forests, IX. 406; slavery in, XXII. 142.
 —, Johannes de, on birds, XVIII. 3.
- CUBAN, mineral, XVI. 393.
- CUBATURE OF SOLIDS, in calculus, XIII. 53.
- CUBE, in geometry, X. 388.
- CUBEBS, in pharmacy, VI. 683.
- CUBE ROOT, in algebra, I. 528; in arithmetic, II. 533.
- CUBES, Tables of, XXIII. 8.
- CUB HUNTING, XII. 396.
- CUBICS, Twisted, in geometry, X. 407.
- CUBIC SURFACES, in geometry, XXII. 670.
- CUBICULA, in the Catacombs, V. 210.
- CUBIT, measure of length, XXIV. 483.
- CUBITT, Thomas, London builder, VI. 683.
 —, Sir William, English engineer, VI. 683.
- CUBRANOVIC, Andrew, Ragusan poet, XXI. 690.
- CUCA, plant, VI. 684; XVIII. 673.
- CUCKING STOOL, for punishment, XIX. 96.
- CUCKMERE, river, England, XXII. 723.
- CUCKOO, or Cuckow, bird, VI. 685; III. 769.
 —, Ode to the, its authorship, IV. 393.
- CUCKOO-SPIT, insect, XIII. 153.
- CUCKOW, bird, VI. 685; III. 769.
- CUCULLANUS, genus of nematode worms, XVII. 325.
- CUCUMBER, vegetable, VI. 687; XII. 282.
 —, Squinting, plant, VI. 688; VII. 825.
 — TREE, XV. 283.
- CUCUMIS, genus of plants, V. 687; XV. 841.
- CUCURBITA, genus of plants, XI. 4; XII. 283.
- CUDBEAR, dyestuff, II. 379; XIV. 559.
- CUDDALOR, town, India, VI. 688; II. 478.
- CUDDAPAH, district, India, VI. 689.
- CUDWORTH, Ralph, English philosopher, VI. 689; his ethical system, VIII. 597; anti-evolutionist, VIII. 759.
- CUELEN, Ludolph van, German mathematician, XXII. 434.
- CUENCA, province, Spain, VI. 692; XXII. 298; town, VI. 692.

- CUENCA, town, Ecuador, VI. 692.
 CUERNAVACA, town, Mexico, XVI. 214.
 CUEVA, Juan de la, Spanish dramatist, XXII. 356.
 CUFA, town, Persia, XVI. 564, 570.
 CUIABA, or Cuyaba, town, Brazil, VI. 742.
 CUIJA, lake, San Salvador, XXI. 268.
 CUILLINS, mountains, Skye, Scotland, XXII. 127.
 CUIRASS, defensive armour, VI. 692.
 CUIRASSIERS, cavalry, V. 263.
 CUISINIER, bird, XVIII. 106.
 CUJAS, or Cujacius, Jacques de, French juriconsult, VI. 693.
 CULDEES, order of ecclesiastics, VI. 693; in Scotland, I. 46; XVIII. 667; XXI. 477.
 CULEBRA ISLAND, West Indies, XXIV. 261.
 CULEX, poem, attributed to Virgil, XXIV. 251.
 —, genus of insects, X. 700; XVI. 866.
 CULIACAN, town, Mexico, XVI. 214.
 CULINARY APPLIANCES, VI. 332.
 CULLEN, William, Scottish pathologist, VI. 694; XV. 813.
 CULLENDER, Rose, Suffolk witch, XXIV. 621.
 CULLERA, town, Spain, VI. 696.
 CULLEY, Messrs, their improvements in agriculture, I. 303.
 CULLODEN, Scotland, Battle of (1746), VI. 696, 705; V. 427; VIII. 355; XXI. 526.
 CULM, or Anthracite (*q.v.*), coal, II. 106.
 CULMBACH, town, Bavaria, XIV. 154.
 CULNA (Kalna), town, Bardwan district, India, XIII. 829.
 — (Khulna), town, Jessor district, India, XIV. 67.
 CULPABLE HOMICIDE, crime, XVII. 53.
 CULPEE (Kalpi), town, India, XIII. 830.
 CULROSS, village, Scotland, XVIII. 667.
 CULTIVATOR, Steam, agricultural implement, I. 315.
 CULTURE, its influence on language, II. 120; XVIII. 769.
 CULVERT, wide and short drain, IV. 284.
 CUMÆ, or Cuma, ancient Greek colony, Italy, VI. 696; coins of, XVII. 637.
 CUMANA, town, Venezuela, VI. 696.
 CUMANI, or Comans, Turkish tribes, XXI. 16; XXIII. 660.
 CUMARA NUT, XVII. 664.
 CUMBERLAND, county, England, VI. 696; population and representation, XXIII. 727; the ancient Cumbria, XXI. 479; coalfield of, VI. 52; plumbago mines, XIX. 231.
 —, town, Maryland, U.S.A., VI. 700; XV. 603.
 —, river, Tennessee, U.S.A., XXIII. 177.
 —, William Augustus, duke of, English general, VI. 705; XXI. 520.
 CUMBERLAND, Richard, bishop of Peterborough, VI. 700; ethics of, VIII. 598.
 —, Richard, English dramatist, VI. 702; VII. 438.
 — PRESBYTERIAN CHURCH, U.S.A., XIX. 700; XXIV. 829.
 CUMBRAES, islands, Scotland, IV. 579.
 CUMBERIA, ancient district, England, XXI. 479.
 CUMIN, or Cummin, plant, VI. 706.
 CUMMING, Roualeyn Gordon, African traveller and hunter, VI. 706.
 CUMMINGS, of malt, IV. 269.
 CUÑAPIRU, town, Uruguay, XXIV. 15.
 CUNARD, Sir Samuel, founder of line of steamships, VI. 706.
 CUNAXA, Babylonia, Battle of (401 B.C.), VI. 753; XVIII. 577.
 CUNCTATOR (Fabius Maximus), Roman general, VIII. 836; XI. 442.
 CUNDWAH (Khandwa), town, India, XIV. 57.
 CUNEATOR, officer of the mint, XVI. 480.
 CUNEIFORM WRITING, VI. 707; I. 604; XIII. 114; inventors of, III. 184; Grotefend's decipherment of, XI. 217.
 CUNENE, river, Africa, I. 254.
 CUNEO, or Coni, town, Italy, VI. 272.
 CUNINGHAM, William, English cartographer, XVII. 253.
 CUNITZ, Maria, German astronomer, VI. 707.
 CUNNINGHAM, district, Ayrshire, Scotland, III. 163.
 —, Allan, Australian botanist and explorer, III. 104, 110.
 —, Allan, Scottish writer, VI. 707.
 —, J. T., his observations on Mollusca, XVI. 658.
 —, Peter, English miscellaneous writer, VI. 707.
 —, William, Scottish theologian and ecclesiastic, VI. 708.
 CUPAR-FIFE, town, Scotland, VI. 708.
 CUPELLATION, method of separating metals, II. 725; XIV. 376.
 CUPEL MOULD, in assaying, II. 726.
 CUPEL-SILVER, XXII. 70.
 CUPID, Roman god (the Greek Eros), VI. 708; VIII. 527.
 CUPOLA, or Dome, in architecture, VII. 347; II. 463.
 CUPPING, surgical operation, VI. 709.
 CUPREINE, vegetable alkaloid, XX. 185.
 CUPRESSUS, genus of trees, VI. 745.
 CUPRITE, mineral, VI. 347; XVI. 385.
 CUPROPLUMBITE, mineral, XVI. 391.
 CUPS, Ancient Greek and Roman, XIX. 180, 614, 618.
 CURACA, Peruvian chief, XVIII. 678.
 CURAÇO, or Curaçao, island, West Indies, VI. 709; population, XXIV. 510.
 —, liqueur, XIV. 687.
 CURARAY, river, South America, VII. 646.
 CURASSOW, bird, VI. 709.
 CURATE, VI. 709; perpetual, XXIV. 209.
 CURATOR, in law, XIII. 1.
 CURCAS PURGANS, species of plants, XVII. 665.
 CURCHOD, Suzanne, Madame Necker, X. 574; XVII. 312.
 CURCULIONIDÆ, family of insects, XXIV. 477.
 CURCUMIN, colouring matter of turmeric, XXIII. 662.
 CURCUNNO, France, Cromlech at, XXI. 51.
 CURD, of milk, XVI. 304.
 CUR DEUS HOMO, work by Anselm, II. 92.
 CURE, river, France, XVII. 495.
 CUREPIPE, town, Mauritius, XV. 640.
 CURES, ancient town, Italy, VI. 710.
 CURETON, William, English Orientalist, VI. 710.
 CURETONIAN GOSPELS, Syriac recension, XXII. 824.
 CURFEW, bell, VI. 710; III. 538.
 CURIA, ancient Roman tribal division, VI. 710; XVII. 527; XX. 732.
 —, Roman senate-house, XIX. 815.
 CURIALIS, Roman official, VI. 710.
 CURIA REGIS, English court, VI. 517.
 CURIA ROMANA, papal court, VI. 711; XIX. 497.
 CURIATII, Alban brothers, opponents of the Horatii, XII. 166.
 CURICO, province, Chili, V. 617.
 CURING, mode of preserving food, XIX. 708; of bloaters, IX. 253; of herrings, IX. 259; of pilchards, IX. 254.
 CURIOSITIES OF LITERATURE, Isaac D'Israeli's work, VII. 260.
 CURLEW, bird, VI. 711.
 CURLING, game, VI. 712.
 CURRAGH, plain, with military camp, Kildare, Ireland, VI. 714.
 CURRAN, John Philpot, Irish orator, VI. 714.
 CURRANTS, fruit, VI. 715; XI. 88; red, white, and black, XII. 270; culture of, in Zante, XXIV. 767.
 CURRENCY, or Current Money, its early forms, XVI. 722; depreciation of, IX. 178; in relation to exchange, VIII. 788; bank notes as, III. 320; paper (greenbacks), in U.S.A. (1862), XXIII. 775; Locke's observations on, XIV. 754; Ricardo's, XX. 534.
 CURRENTS, as distinguished from waves, XXIV. 416; hydraulic theory of, XII. 468; of the ocean, X. 283; in navigation, XVII. 275; of the Atlantic, III. 18; of the Dardanelles and Bosphorus, III. 798; of the Indian Ocean, XII. 821; of the Pacific, XVIII. 117.
 CURRER BELL (Charlotte Bronte), English novelist, IV. 365.
 CURRIE, James, Scottish physician and critic, VI. 715.
 CURRY, condiment, VI. 715.

- CURRYING, in leather manufacture, XIV. 386.
- CURSE-OATH, XVII. 698.
- CURSING, Laws against, III. 807.
- CURSIVE WRITING, XVIII. 149; XXIII. 682; Latin, XVIII. 154.
- CURTIS, Mrs, wife of George Washington, XXIV. 388.
- CURTIUS, Mettus, Roman legendary hero, VI. 716.
- , RUFUS, Quintus, biographer of Alexander the Great, VI. 716.
- CURUBAS, fruit of passion-flower, XVIII. 343.
- CURVATURE, in geometry, XIII. 26; in conic sections, VI. 283; of spherical surfaces, XV. 659.
- CURVE, CURVES, VI. 716; X. 395, 419; XV. 630; XXIV. 86; in integral calculus, XIII. 50; in relation to surface, XXII. 668; Plücker on intersections of, his six equations, XIX. 229; Descartes's application of algebra to, XIII. 6; tidal, XXIII. 366, 370.
- CURVILINEAR COORDINATES, XXII. 671.
- CURWEN, John, promoter of the tonic sol-fa musical notation, XVII. 100.
- CURZOLA, town, Austrian Dalmatia, VI. 728; battle of (1298), XIX. 406.
- CUSA, Nicolas de (Cusanus), cardinal and Reformer, VI. 728; XX. 323.
- CUSCUS, genus of marsupial mammals, XVIII. 728.
- CUSCUTA, genus of plants, VII. 320.
- CUSCUTACEÆ, parasitic plants, XVIII. 264.
- CUSH, of Scripture, VI. 729; XVII. 511.
- CUSHAT, ring-dove, VII. 379.
- CUSHITES, of Scripture, XXIV. 738; XVII. 511.
- CUSP, in architecture, II. 463.
- , of a curve, XXII. 669.
- CUSSO, or Koussou, drug, XIV. 145.
- CUSTARD APPLE, VI. 729.
- CUSTOM, in law, XIV. 362; XIX. 705.
- HOUSES, VI. 729.
- CUSTOMS DUTIES, VI. 729.
- CUSTOMS OF THE SEA, book of maritime ordinances, VI. 318.
- CUSTOS ROTULORUM, keeper of records, VI. 730.
- CÜSTRIN, town, Prussia, XIV. 162.
- CUSUMANO, Vito, Italian economist, XIX. 395.
- CUTCH, state, India, VI. 730; Ran, Runn, or Lake of, IV. 22; VI. 730.
- , or Catechu, vegetable extract, V. 220; XIV. 382.
- , Goldbeater's, X. 753.
- GUNDAVA, district, Baluchistan, VI. 732.
- CUTHBERT, St, bishop of Lindisfarne, England, VI. 732; XVII. 570; his labours in Lothian, XV. 10; XXI. 475; his tomb at Durham, VII. 562.
- CUTICLE, or Epidermis, Anatomy of the, I. 897.
- CUTLERY, VI. 733; English, XXI. 787; Indian, XII. 762.
- CUTTACK, district and town, India, V. 242; XVII. 845.
- CUTTER, boat, XXI. 825.
- CUTTHROAT, bird, XXIV. 463.
- CUTTINGS, Railway, XX. 232.
- CUTTLE-BONE, for polishing, XXI. 666.
- CUTTLE-FISH, VI. 735; XVI. 670.
- CUTWA (Katwa), town, Bengal, India, XIV. 15.
- CUT-WATER, bird, XXII. 120.
- CUVIER, Georges (Baron Cuvier), French naturalist, VI. 740; on birds, XVIII. 7; on Buffon's theories of the universe, IV. 445; on classification and morphology, XVI. 838; his classification of animals, XXIV. 806; of reptiles, XX. 435; on evolution, VIII. 749; on ichthyology, XII. 633.
- CUXHAVEN, town, Germany, VI. 742; XI. 404.
- CUYABA, town, Brazil, VI. 742.
- CUY-COCHA, lake, Ecuador, VII. 646.
- CUYP, Albert, Dutch painter, VI. 742; his connexion with Van der Neer, XVII. 314.
- , Jacob Gerritsz, Dutch painter, VI. 742.
- CUYUNI, river, British Guiana, XI. 250.
- CUZA, Alexander John, prince of Roumania, XXI. 21.
- CUZCO, town, Peru, VI. 744; XVIII. 675; ancient fortresses at, II. 452; pilgrimage to temple at, XIX. 92.
- CWM-HIR, abbey, Wales, XX. 217.
- CYANATES, in chemistry, XX. 25; of ammonia, XXIV. 11.
- CYANECULA, genus of birds, XX. 318.
- CYANIC ACID, XX. 25; Wöhler's discovery of, XXIV. 626.
- CYANIDE OF HYDROGEN (Prussic Acid), V. 554; XX. 23.
- CYANIDES, Analysis of, XX. 24; metallic, V. 554; methyl, XVI. 197.
- CYANITE, mineral, XVI. 408.
- CYANOGEN, in chemistry, V. 554; XX. 22; Gay-Lussac's experiments on, X. 123.
- CYANOMETER, Saussure's invention of the, XXI. 324.
- CYANOSIS, facial deformity, XVI. 765.
- CYANOSPIZA, genus of birds, XVII. 534.
- CYANURUS, genus of birds, XIII. 611.
- CYATHEA, genus of tree-ferns, XXIII. 534.
- CYAXARES, Median king, XVIII. 563; XXI. 577.
- CYBELE, in Greek mythology, VI. 744; XV. 99, 294; XVIII. 853; worship of, XVIII. 691; statue of, at Rome, XX. 821.
- CYBO, Innocent, Florentine cardinal, XV. 789.
- CYBULSKI, Prof., Polish writer, XIX. 305.
- CYCADACEÆ, order of plants, XXIV. 131.
- CYCLADES, group of islands, Greece, VI. 744; coins of the, XVII. 644.
- CYCLAMEN, greenhouse plant, XII. 263.
- CYCLAS, genus of Mollusca, XVI. 695.
- CYCLE, Metonic, in astronomy, II. 747; IV. 668; other cycles, IV. 669, 670.
- CYCLIC POEMS, Greek, XI. 137.
- CYCLING, velocipede riding, III. 665; XXIII. 559.
- CYCLOID, Quadrature of the, Pascal's, XVIII. 338.
- CYCLOMYARIA, suborder of Tunicata, XXIII. 615.
- CYCLONES, areas of low atmospheric pressure, III. 33; VI. 7; XVI. 129, 154; at sea, XVII. 276; of Asia, II. 690; XV. 189; in Polynesia, XIX. 421; in the West Indies, XXIV. 511.
- CYCLOPÆDIA, or Encyclopædia (*q.v.*), VIII. 190.
- , American, VIII. 204; XX. 568.
- , Chambers's (1728), VIII. 196.
- , English, VIII. 204.
- , Penny, VIII. 204; XIV. 856.
- CYCLOPEAN MASONRY, in archaeology, II. 346, 401; remains of, in Ithaca, XIII. 517.
- CYCLOPES, in Greek mythology, VI. 744; II. 346.
- CYCLOPS, Euripides's satyric drama, VIII. 678.
- , monster, XVI. 764.
- CYCLOPTERUS, genus of fishes, XV. 65.
- CYCLORHAPHA, group of insects, VII. 256.
- CYCLOSTOMA, suborder of Polyzoa, XIX. 437.
- , genus of snails, XXII. 187.
- CYCLOSTOMATA, subclass of fishes, XII. 694.
- CYCLOTURUS, genus of edentate mammals, XV. 386.
- CYCNUUS, of Greek legend, XIX. 559.
- CYDNUS, river, Asia Minor, II. 709; V. 777.
- CYDONIA, genus of trees, XX. 182.
- CYDONIUM EOSASTER, species of sponges, XXII. 414.
- CYGNET, young of the swan, XXII. 731.
- CYGNUS, genus of birds, XXII. 731.
- CYLINDER, in geometry, X. 417; mensuration of, XVI. 25; Archimedes on, II. 380; Serenus on, XXI. 675.
- , of steam-engine, behaviour of steam in, XXII. 487; strength of, XXII. 606.
- PRINTING PRESSES, XXIII. 706.
- CYLIX, ancient Greek vase, XIX. 614.
- CYLON, Athenian insurgent, III. 2; XI. 96.
- CYMBALUM MUNDI, of Bonaventure des Periers, IX. 654.
- CYMBULIA, genus of Mollusca, XVI. 665; 666.

- CYMENE, hydrocarbon found in oils, XVII. 748.
- CYMOPHANE, mineral, XVI. 386.
- CYMRI, or Cymry (*q.v.*), IV. 352.
- CYMRIC LANGUAGE AND LITERATURE, XX. 642.
- CYMRY, branch of the Celtic family, II. 651; IV. 352; V. 300.
- CYNANCHE PAROTIDÆA, disease, XVII. 22.
- CYNEGETICA, Oppian's poem, XII. 393; XVII. 797.
- CYNEWULF, Anglo-Saxon writer, VIII. 403.
- CYNICS, school of Greek philosophy, VI. 745; II. 137; XXI. 379; XXII. 562; ethics of, VIII. 578.
- CYNOCEPHALUS, genus of apes, II. 152; XV. 476.
- CYNOGALE, species of carnivorous mammals, XV. 436.
- CYNOIDEA, section of Carnivora, XV. 437.
- CYNOMYS, genus of rodent mammals, XV. 418, 560.
- CYNOPHONTIS, Greek festival, XIV. 678.
- CYNOPTERUS, genus of bats, XV. 409.
- CYNOSCEPHALÆ, Greece, Battle of (197 B.C.), IX. 288; XX. 752; XXIII. 222, 299.
- CYNTHIA, mistress of Propertius, XIX. 812.
- CYNTHIIDÆ, family of Tunicata, XXIII. 617.
- CYNTHIUS (Giovanni Battista Giral-di), Italian novelist, X. 620.
- CYPERUS BABYLONICUS, aromatic drug, X. 17.
- CYPERUS PAPYRUS, paper reed, XVIII. 231.
- CYPERUS-ROOT OIL, XVII. 744.
- CYPHOPHTHALMIDES, family of Arachnida, II. 279.
- CYPRÆA MONETA, cowry-shell mollusc, VI. 535.
- CV-PRÉS, in law, VI. 745.
- CYPRESS, tree, VI. 745; culture of, II. 320; in United States, XXIII. 809.
- CYPRESSE GROVE, Drummond's work, VII. 481.
- CYPRIAN, bishop of Carthage, VI. 746; his conception of the episcopate, V. 701; VIII. 487.
- , bishop of Nisibis, Syriac writer, XXII. 844.
- DIALECT, of Greek, XI. 133.
- CYPRINE, mineral, XVI. 410.
- CYPRIPEDIUM, genus of orchids, XVII. 818.
- CYPRUS, island, Mediterranean, VI. 747; XV. 820; XXIII. 653; its connexion with Phœnicia, XVIII. 805; coins of, XVII. 648; captured by the Turks (1570-71), XXIII. 644; ceded to England, XXIII. 652; Cyprian dialect, XI. 133.
- CYPSSELUS, genus of birds, XXII. 760.
- , Chest of, early Greek sculpture, II. 347; VI. 397.
- CYRANO DE BERGERAC, on travelling to the moon, I. 186.
- CYRENAICA, district, Africa, VI. 750.
- CYRENAICS, school of Greek philosophers, VI. 750; II. 506; their philosophical system, XXI. 379; its relation to Epicureanism, VIII. 475.
- CYRENE, ancient town, Africa, VI. 750; XXIII. 280; coins of, XVII. 651.
- CYRIACUS, patriarch of the Jacobites, Syriac writer, XXII. 842.
- CYRIL, St, bishop of Jerusalem, VI. 751; his canon, V. 10.
- , St, early missionary to the Slavs, XVI. 194.
- , bishop of Turoff, Russian sermon-writer, XXI. 103.
- of Alexandria, VI. 751; opponent of Nestorius, XVII. 353.
- of Berytus, Byzantine jurist, VI. 752.
- LUCARIS, patriarch of Constantinople and reformer of the Greek Church, XI. 158; I. 496.
- CYRILLIC ALPHABET, I. 613.
- CYRILLONA, Syriac writer, XXII. 828.
- CYRILLUS. See Cyril.
- CYRIL THORNTON, novel by Thomas Hamilton, XI. 416.
- CYROPÆDIA, Xenophon's work, XXIV. 721; VI. 752.
- CYRRHESTICA, Syria, coins of, XVII. 649.
- CYRUS, the Elder, founder of the Persian empire, VI. 752; XVIII. 564; his conquest of Babylonia, III. 188; his relations to the Jews, XIII. 417; his religious policy, XIII. 384; his tomb, at Murgab, II. 399; XVIII. 558, 567.
- , the Younger, Persian satrap, VI. 753; XVIII. 576.
- CYST FORMATIONS, in human body, XVIII. 365.
- CYSTICERCUS BOVIS, beef measles, XXIII. 52; XXIV. 206.
- CYSTIC SARCOMA, disease, XVIII. 369.
- CYSTIDEA, order of Echinodermata, VII. 638.
- CYSTITIS, disease, XXIV. 188.
- CYSTOPHORA, genus of seals, XV. 444; XXI. 581.
- CYTHERA (Cerigo), island, Greece, V. 346; XIII. 205.
- CYTHEREA, genus of Mollusca, XVI. 686.
- CYTINACEÆ, order of parasitic plants, XVIII. 265.
- CYTISUS, genus of trees, XIV. 179.
- CYTODE, mass of protoplasm, I. 843.
- CYTOGENESIS, in plants, XII. 13.
- CYZICUS, ancient town, Asia Minor, VI. 753; XVII. 122; coins of, XVII. 645; siege of, by Mithradates (74 B.C.), XV. 56.
- CZACKI, Tadeusz, Polish statesman and writer, VI. 754.
- CZAR, title of emperor of Russia, XXI. 92.
- CZARTORYSKI, Adam George, Polish prince and patriot, VI. 754; XIX. 298.
- CZASLAU, town, Bohemia, VI. 754; battle of (1742), III. 127.
- CZECHS, Slavonic people, VI. 754; III. 861; XVI. 811; XIX. 285; XXII. 145, 147, 151; their language and literature, III. 861; XXII. 151; dictionaries of language, VII. 188.
- CZEGLED, town, Hungary, VI. 754.
- CZENSTOCHOVA, Old and New, towns, Poland, VI. 754.
- CZERNA, river, Macedonia, XV. 136.
- CZERNOWITZ, town, Austria, VI. 755; university of, XXIII. 852.
- CZERNY, Karl, Austrian musical composer and pianist, VI. 755.
- GEORGE, Tsrni George, or Karageorgevich, Servian leader, VI. 755; XXI. 689.
- CZERSKI, Johann, leader of the Catholic Apostolic Christians, X. 444.
- CZOLBE, Heinrich C., on evolution, VIII. 767.

D, the fourth letter of the alphabet, VI. 756.

- DABCHICK, bird, XI. 80.
- DA CADORE (Titian, *q.v.*), Italian painter, XXIII. 413.
- DA CAPO, musical term, XVII. 87, 93.
- DACCA, district and town, India, VI. 756.
- DACE, fish, VI. 758; XII. 692; XX. 582; angling for, II. 42.
- DACELO, genus of birds, XIV. 82.
- DACH, Simon, German hymn-writer, XII. 587.
- DACHSTEIN, mountain, Austria, I. 628; XXI. 241; XXII. 614.
- DACIA, ancient country, Europe, VI. 758; XXIV. 269; conquest of, by Trajan (105), XXIII. 504.
- DACIER, André, French scholar, VI. 759.
- , Anne Lefèvre, French scholar, VI. 759.
- DA COSTA, Isaak, Dutch poet and theologian, VI. 759.
- DACTYLOPSILA, genus of marsupial mammals, XVIII. 729.
- DACTYLOPTERUS, fish, IX. 352.
- D'ADAM, L'Isle, grand-master of Knights Hospitallers, XXI. 174.
- DADDY LONG LEGS, insect, XIII. 150; as wheat pest, XXIV. 535.
- DADHA, Syriac monk and writer, XXII. 830.
- DADH-ISHO, abbot of Mount Izla, Syriac writer, XXII. 838.
- DADH-ISHO, of Seleucia, Syriac writer, XXII. 830.
- DADO, in architecture, II. 463.
- DÆDALA, Mount, Asia Minor, XV. 93.
- DÆDALUS, in Greek legend, VI. 760; I. 185; II. 347.
- , reef, Red Sea, XX. 316.

- DÆMON, VII. 60; in Greek mythology, XV. 477; of Socrates, XXII. 233.
- DAFFODIL, plant, VI. 760.
- DA GAMA, Vasco, Portuguese navigator, X. 57, 181; his expedition to India, XII. 796.
- DAGANA, town, Senegal, Africa, XXI. 660.
- DAGGER, weapon, VI. 760; XXII. 800; ancient, II. 553; of Albacete, Spain, I. 446.
- DAGHESTAN, government, Asiatic Russia, VI. 760.
- D'AGINCOURT, Jean Baptiste, French archæologist, VI. 760.
- DAGMAR CROSS, VI. 614.
- DAGÖ, island, Russia, Baltic Sea, XVII. 732.
- DAGOBERT, king of France, IX. 530; tomb of, at St Denis, XXI. 161.
- DAGON, Philistine deity, VI. 761; XVIII. 756.
- DAGUERRE, Louis Jacques Mandé, French painter and physicist, VI. 761; his contributions to photography, XVIII. 822.
- DAGUERREOTYPE, VI. 761; XVIII. 823.
- D'AGUESSEAU, Henri François, chancellor of France, VI. 761.
- DAHÆ, ancient Iranian nomads, XVIII. 588.
- DAHAK B. KAIS, governor of Damascus, XVI. 569.
- DAHIRAH, province, Arabia, II. 255.
- DAHL, Johann Christian, Norwegian painter, VI. 762.
- , Michael, Swedish painter, VI. 762.
- , Vladimir Ivanovitch, Russian writer, VI. 762.
- DAHLAK, island, Red Sea, XX. 316.
- DAHLGREN, Karl Fredrik, Swedish poet and humorist, VI. 763; XXII. 757.
- DAHLIA, plant, VI. 763; XII. 255.
- DAHLMANN, Friedrich Christian, German historian, VI. 763.
- DAHLSTJERNA, Gunno Eurelius, Swedish poet, VI. 764; XXII. 755.
- DAHNA, desert, Arabia, II. 240.
- DAHOMEY, kingdom, West Africa, VI. 764.
- DAHSHOOR, or Dahshur, Egypt, Pyramids of, II. 386; VII. 773; XX. 124.
- DAI BUTSU, colossal statue, Japan, XVII. 229.
- DAILLÉ, Jean, French Protestant divine, VI. 767.
- D'AILLY, Pierre, French cardinal, X. 549; XVII. 132; XX. 320; XXI. 431.
- DAILY NEWS, London newspaper, XVII. 419.
- DAILY TELEGRAPH, London newspaper, XVII. 419.
- DAIMIEL, town, Spain, VI. 767.
- DAIMIO, territorial nobles of Japan, XIII. 578, 583.
- DAINIHONSHI, Japanese history, XIII. 587.
- DAIR AL-BAHARI, Egypt, Mummy vault at, XVII. 22.
- DAIRY, VI. 768; treatment of milk in, XVI. 304.
- BREEDS, of cattle, I. 388.
- DAIS, in architecture, II. 463.
- DAISY, plant, VI. 773.
- DAJJAL, Masih al, Mohammedan Antichrist, II. 126.
- DAKAR, town, Senegal, Africa, XXI. 660.
- DAKER-HEN, bird, XX. 222.
- DAKHEL, or Dakhila, oasis, Africa, XVII. 695.
- DAKIKI, Persian poet, IX. 225; XVIII. 656.
- DA-KIO (Mekong), river, Asia, XV. 832.
- DAKOTA, Territory, U.S.A., VI. 773; population, XXIII. 802.
- DAKOTAS, American Indians, XII. 827, 831.
- DAKSHIN (Deccan, *q.v.*), India, VII. 18.
- SHAHBAZPUR, delta island, India, XV. 830.
- DAKSHIPUTRA (Panini), Sanskrit grammarian, XXI. 292.
- DALAI-LAMA, of Tibet, XIV. 230, 502; XXIII. 343.
- DALBEATTIE, town, Scotland, XIV. 98.
- DALBERG, Prince of, patron of German literature, VI. 774.
- DALBERGIA, genus of trees, XX. 851.
- DALBURG, John of, bishop of Worms, XX. 490.
- DAL-CAIS, dynasty of Irish kings, XIII. 253.
- DALE, or Dahl, Vladimir Ivanovitch, Russian writer, VI. 762.
- D'ALEMBERT, Jean le Rond, French mathematician and philosopher, VI. 774; IX. 671; his connexion with the Encyclopédie, VIII. 197; on astronomy, II. 759; on the motion of fluids, XII. 437.
- DALGARNO, George, Scottish educational writer, VI. 776; on teaching deaf-mutes, VII. 6.
- DALHOUSIE, town, New Brunswick, XVII. 375.
- , Marquis of, governor-general of India, VI. 776; XII. 808.
- DALI, Cyprus, Tablet of, VI. 750.
- DALIMIL, Chronicle of, Bohemian work, XXII. 151.
- DALIN, Olof von, Swedish poet, VI. 780; XXII. 755.
- DALKEITH, town, Scotland, VI. 780.
- DALKEY ISLAND, Ireland, VII. 494.
- DALLA BELLA, his magnetic researches, XV. 237.
- DALLÆUS (Jean Daillé), French Protestant theologian, VI. 767.
- DALLAS, town, Texas, U.S.A., XXIII. 205.
- DALLING AND BULWER, Lord, British diplomatist, VI. 780.
- DALMATIA, crown land, Austria, VI. 783; wine industry of, XXIV. 610.
- , Duke of (Soult), French general, XXII. 279.
- DALMATIAN DOG, VII. 330.
- DALMATIC, ecclesiastical vestment, VI. 462.
- DALMAU, town, India, XX. 222.
- DALMENY PARK, Linlithgow, Scotland, XIV. 670.
- DALRIADS, Celtic race, in Ireland, XIII. 247; in Scotland, XXI. 473, 477.
- DALRYMPLE, Sir David (Lord Hailes), Scottish lawyer and historian, XI. 374; XXII. 446.
- , G. E., explorer of Australian coast, III. 107.
- , Sir Hew, Scottish lawyer, XXII. 446.
- , James, first Viscount Stair, Scottish jurist, XXII. 444.
- , Sir James, Scottish antiquary, XXII. 446.
- , Janet, Bride of Lammermoor, XXII. 444.
- , Thomas, Scottish physician, XXII. 446.
- DALSGAARD, Danish painter, VII. 94.
- DALTON, John, English physicist, VI. 784; his atomic theory, V. 465; on the specific gravity of air, III. 386.
- DALTONISM, or Colour Blindness, VI. 784; VIII. 824.
- DALTON'S LAW, of gases, VI. 785, XVI. 611.
- DALY, Robert, bishop of Kildare, XIII. 265.
- DALVELL, Sir John Graham, his aquarium, II. 217.
- DAM, reservoir, XXIV. 406.
- DAMAD ALI, Turkish vizier, XXIII. 646.
- DAMAGES, in law, VI. 787.
- DAMAN, Syrian hyrax, mammal, XII. 598.
- DAMARALAND, district, South Africa, XI. 731; languages of, XXIV. 828.
- DAMARAS, race, South Africa, their totems, XXIII. 468.
- DAMARMENUS, fisherman, in Greek mythology, XVIII. 480.
- DAMAS (Damask, *q.v.*), cloth, XXIII. 210.
- DAMASCENING, or Damaskeening, in metal work, VI. 793; XIII. 81; XVI. 78; of sword blades, VI. 733; XXII. 803.
- DAMASCENUS, Johannes, theologian, early Greek Church, VI. 789.
- , Nicolaus, Greek historian, VI. 790.
- DAMASCIUS, Neoplatonic philosopher, VI. 790; XVII. 338.
- DAMASCUS, ancient kingdom, XIII. 406.
- , province, Asiatic Turkey, XXIII. 653.
- , town, Syria, VI. 790; XXII. 822; taken by the Arabs (635), II. 257; XVI. 562; as capital of Demetrius III. of Syria, XVIII. 595; mosque of, XVI. 865.

- DAMASCUS STEEL, VI. 793.
 DAMASCUS WARE, XIX. 620.
 DAMASK, cloth, VI. 792; XXIV. 464; Persian, XXIII. 208, 210; manufacture of, at Dunfermline, Scotland, VII. 542.
 DAMASKEENING, or Damascening (*q.v.*), VI. 793.
 DAMASK STEEL, VI. 793.
 DAMASUS I., pope, VI. 793; XIII. 630; XIX. 490.
 — II., pope, VI. 793.
 DAMAUN, town, India, VI. 793.
 DAMAVAND, mountain, Persia, XV. 651; XVIII. 619.
 D'AMBOISE, George, French cardinal, VI. 793.
 DAMBONITE, volatile body incaoutchouc, XII. 840.
 DAMBOVITZA, river, Roumania, XXI. 14.
 DAMDAMA (Dumdum), town, India, VII. 525; XXIII. 673.
 DAMI, Giuliano, Florentine courtier, XV. 793.
 DAMIAT (Damietta), town, Egypt, VI. 794.
 DAMIENS, Robert François, assailant of Louis XV. of France, VI. 794.
 DAMIETTA, town, Egypt, VI. 794; VII. 768; siege of (1219), XXIII. 162.
 DAMIRI, Arabian naturalist, VI. 794; XVI. 597.
 DAMIRON, Jean Philibert, French philosophical writer, VI. 795.
 DAMMAR, or Dammer, resin, VI. 795.
 DAMME, Thomas, Longevity of, XIV. 858.
 DAMNUM ABSQUE INJURIA, in law, VI. 789.
 DAMOCLES, courtier of Dionysius, VI. 795.
 DAMODAR, coal and ironstone fields, India, XII. 737.
 DAMON, friend of Pythias, VI. 795.
 DAMPIER, William, English navigator, VI. 795; his discoveries in Australasia, III. 103.
 DAMPNESS, Measure of, XII. 569.
 DAMSON, variety of plum, XIX. 230.
 DAN, town, Judæa, VI. 796.
 —, Tribe of, XIII. 401.
 DANA, river, Africa, I. 255.
 —, family of eminent Americans, VI. 796.
 —, James Dwight, on amber in America, I. 659; on the Atlantic basin, III. 16.
 —, Richard Henry, American author, VI. 796; I. 723.
 DANAE, mother of Perseus, VI. 797; XVIII. 560.
 DANALITE, mineral, XVI. 411.
 DANAPRIS (Dnieper), river, Russia, VII. 306; XXI. 73.
 DANAUS, in Greek legend, VI. 797.
 DANBURITE, mineral, XVI. 411.
 DANBURY, town, Connecticut, U.S.A., VI. 797.
 DANBY, Earl of, minister of Charles II., VIII. 349.
 —, Francis, English painter, VI. 797.
 DANCE, VI. 798.
 —, George (d. 1768), English architect, VI. 801.
 —, George (d. 1825), English architect and painter, VI. 801.
 —, Nathaniel, English painter, VI. 801.
 — OF DEATH, V. 104; XII. 55.
 DANCING, as branch of education, VI. 801.
 — MASTER, English ballad collection, XVII. 88.
 DANCOURT, Florent Carton, French dramatist, VI. 802.
 DANDELION, plant, VI. 802; XXIII. 61.
 DANDHU PANTH (Nana Sahib), XII. 810; XVII. 170, 345.
 DANDOLO, patrician family of Venice, VI. 802.
 —, Andrea, Venetian admiral, VI. 803; XIX. 406.
 —, Enrico, doge of Venice, VI. 802; XXIV. 143; his relations with the crusaders, VI. 629.
 —, Vincenzo, Count, Italian scientist, VI. 803.
 DANEGELD, English land tax, VIII. 294, 567.
 DANELAGE, district, England, XIV. 656.
 DANES, The, VII. 84; their invasions of England, I. 506; VIII. 283, 568; XVII. 570; invasions of Ireland, XIII. 252; in Lincolnshire, XIV. 656; their influence on English literature, VIII. 404.
 DANEWERK, or Dannewerk, entrenchments, Schleswig, VII. 89; XXI. 414.
 DANEWORT, or dwarf elder tree, VII. 828.
 DANICHICH, Dyuro, Servian philologist, XXI. 691.
 DANIEL, of Scripture, VI. 803.
 —, Apocalypse of, II. 180.
 —, Book of, VI. 803; III. 640.
 — of Salah, Syriac writer, XXII. 841.
 — of Tahal, Syriac writer, XXII. 849.
 —, Arnaud, troubadour, XX. 649.
 —, Gabriel, French Jesuit historian, VI. 807.
 —, Samuel, English poet, VI. 807; XVIII. 346.
 — BAR KHATTAB, Syriac writer, XXII. 855.
 — BAR MOSES, Syriac writer, XXII. 841.
 — NEVSKI, prince of Moscow, XXI. 90.
 DANIELE DA VOLTERRA (Ricciarelli), Italian painter and sculptor, XX. 537.
 DANIELL, John Frederick, English chemist, VI. 808; his electric cell, VIII. 93; his hygrometer, XII. 570; his pyrometer, XX. 133.
 —, Samuel, Thomas, and William, English painters, VI. 808.
 DANILOFF, town, Russia, XXIV. 731.
 DANILOVGRAD, town, Montenegro, XVI. 781.
 DANISH DRAMA, VII. 444.
 DANISH LANGUAGE, VII. 89; XXI. 373; dictionaries of, VII. 186.
 DANISH LEATHER, XIV. 389.
 DANISH LITERATURE, VII. 89.
 DANISHMAND, Seljuk dynasty, XXI. 636.
 DANKOFF, town, Russia, XXI. 116.
 DANNECKER, Johann Heinrich von, German sculptor, VI. 809.
 DANNEWERK, entrenchments, Schleswig, VII. 89; XXI. 414.
 DANSE MACABRE, V. 104.
 DANTE (Dante Alighieri), Italian poet, VI. 809; XIII. 502; his influence on the Renaissance, XX. 384; Cary's translation of the Divina Commedia, V. 170.
 DANTON, George Jacques, French Revolutionist, VI. 815; IX. 602, 603; XX. 603.
 DANTONISTS, French Revolutionary party, IX. 606.
 DANTZIC, or Danzig, town, Germany, VI. 818; XX. 16; siege of (1807), IX. 459.
 — DEAL, timber, IX. 223.
 DANUBE, river, Europe, VI. 819; III. 116; XII. 362; XXI. 14; delta of, XX. 580; mouths of, III. 795.
 DANUM (Doncaster), ancient town, England, VII. 361.
 DANVERS, town, Massachusetts, U.S.A., VI. 820.
 DANVILLE, town, Illinois, U.S.A., VI. 820.
 —, town, Pennsylvania, U.S.A., VI. 820.
 —, town, Virginia, U.S.A., XXIV. 259.
 D'ANVILLE, Jean Baptiste, French geographer, VI. 820; his map of India, X. 188.
 DANZIG (Dantzic, *q.v.*), town, Germany, VI. 818; IX. 459; XX. 16.
 DAPHNAIDA, Spenser's poem, XXII. 395.
 DAPHNE, in Greek mythology, VI. 821; grove of, II. 131.
 —, genus of plants, XIV. 349.
 — AND APOLLO, Max Müller's theory of, XVII. 138.
 DAPHNEPHORIA, Greek festival, VI. 821.
 DAPHNIS AND CHLOE, Longus's Greek romance, XIV. 868; XX. 635.
 DARABJIRD, or Darab-Gherd, town, Persia, VI. 821.
 D'ARANDA, Count, Spanish minister, II. 308; XXII. 341.
 D'ARANTHON, Bishop, his relations with Madame Guyon, XI. 342.
 DARASUN, spa, East Siberia, XXIII. 510.
 DARAZI, Ismael, leader of the Druses, VII. 484.
 DAR-BANDA, group of Negroes, XVII. 319.
 DARBHANGAH, district, India, XVII. 114; XXIII. 407.
 D'ARBLAY, Madame (Frances Burney), English novelist, VI. 821.

- DARBOY, Georges, archbishop of Paris, VI. 822.
- DARBY, J. N., founder of community of Plymouth Brethren, XIX. 238.
- D'ARC, Jeanne (Joan of Arc), Maid of Orleans, XIII. 695; IX. 550.
- DARCHIENDO, town, Tibet, XXIII. 342.
- DARCY WATER GAUGE, XII. 508.
- DARDANELLES, Strait of, VI. 823; III. 797; XI. 636.
- DARDANIA (Dacia), ancient district, Europe, VI. 758.
- DARDANUS, in Greek mythology, VI. 823; XXIII. 583.
- DARDS, people, India and Tibet, x. 598; XIV. 198; dictionaries of their language, VII. 191.
- DARE (Dace, *q.v.*), fish, VI. 758.
- DARENT, river, England, XIV. 37.
- DARES of Phrygia, on the legends of Troy, VI. 823; XIII. 499; XX. 637.
- DARFELD, Westphalia, Abbey of, XXIII. 524.
- DARFUR, country, Central Africa, VI. 823; I. 271; XXII. 278.
- DAR-GE, district, Tibet, XXIII. 342.
- DARGINIANS, Caucasian tribe, XIV. 475.
- DARGLE, glen, Wicklow, Ireland, XXIV. 557.
- DARIC, ancient Persian coin, XVII. 659.
- DARIEL, Pass of, Caucasus, v. 255.
- DARIEN, isthmus and district, South America, VI. 824; crossed by Balbao, III. 274; proposed canal at, IV. 793; Scottish settlement of, XXI. 518.
- SCHEME, Paterson's, XVIII. 360.
- DARINGAMBADI, town, India, XXI. 210.
- DARIORIGUM (Vannes), ancient town, France, XXIV. 68.
- DARIUS I., king of Persia, VI. 825; XVIII. 568; XI. 98; in Egypt, VII. 744; tomb of, XVIII. 558.
- II., Ochus or Nothus, of Persia, VI. 826; XVIII. 575.
- III., Codomannus, of Persia, XVIII. 581; defeat of, by Alexander, I. 481; XV. 140.
- DARJILING, or Darjeeling, district and town, India, VI. 827; its trade with Tibet, XXIII. 343.
- DARLEY ARABIAN, progenitor of race-horses, XII. 183, 184.
- DARLING, river, Australia, XVII. 62; XVII. 408.
- MOUNTAINS, Western Australia, XXIV. 507.
- DARLINGTON, town, England, VI. 828.
- DARLINGTONIA, genus of insectivorous plants, XIII. 138.
- DARMSTADT, town, Germany, VI. 828; libraries of, XIV. 527, 546.
- , Hesse, grand-duchy, Germany, XI. 780.
- DARNÉVAL, town, France, VI. 829.
- DARNLEY, Lord, husband of Mary, queen of Scots, xv. 595; XXI. 504; murder of, IV. 164.
- DARO, mountain, Senegambia, XXI. 661.
- DARODE, Somali tribes, Central Africa, XXII. 256.
- DAROSHA PHARSAYA, Syriac writer, XXII. 832.
- D'ARREST'S COMET, VI. 192.
- DART (Dace, *q.v.*), fish, VI. 758.
- DARTER, bird, XXII. 188.
- DARTFORD, town, England, VI. 829.
- DARTMOOR, Devonshire, England, VII. 139.
- DARTMOUTH, town, England, VI. 829.
- COLLEGE CASE (1818), XXIV. 471.
- COLLEGE OBSERVATORY, New Hampshire, U.S.A., XVII. 715.
- DARTS, Ancient, II. 555.
- DARU, Pierre Antoine, Comte de, French writer and statesman, VI. 829.
- DARWAZ, state, Central Asia, XVIII. 104.
- DARWEN, Over, town, England, XVIII. 77.
- DARWIN, Charles, his doctrine of organic evolution, VIII. 764, 769; XXIV. 801; on adaptation of animals, I. 86; on birds, XVIII. 32; on the descent of man, II. 110; on the expression of emotions, XIX. 5; geological researches in the Argentine Republic, II. 488; on hybridism, XII. 423; on morphology, XVI. 840; on the origin of species, III. 689; his work, *The Origin of Species*, VIII. 749, 764; XXIV. 77, 81; on the curvature of rootlets of plants, XIX. 60.
- , Erasmus, English poet and scientist, VI. 830; xv. 816; on evolution, VIII. 748.
- , Mount, Tierra del Fuego, XXIII. 384.
- , Port, town, South Australia, XXII. 284.
- DARWINISM, VIII. 769; in relation to socialism, XXII. 219.
- DARWINITE, mineral, XVI. 393.
- DASA, tribe, North Central Africa, XXIII. 334.
- DASE, Zacharias, German logarithmist, XIV. 777.
- DASHKOFF, Catherina R. W., Russian princess, VI. 830; v. 233.
- DASHOUR, Egypt, Pyramids of, II. 386; VII. 773; XX. 124.
- DASH-WHEEL, bleaching apparatus, III. 813.
- DASS, Petter or Peder, Norwegian poet, VI. 831; XVII. 589.
- DASSEE SILKWORM, XXII. 60.
- DASSERAH, Hindu festival, xv. 290.
- DASYPELTIS, genus of snakes, XXII. 194.
- DASYPODIDÆ, family of Edentata, xv. 386.
- DASYPROCTIDÆ, family of Rodentia, xv. 420.
- DASYPUS, genus of edentate mammals, xv. 387.
- DASYU, Punjab tribe, India, XX. 110.
- DASYURIDÆ, family of marsupial mammals, xv. 379, 380.
- DATAMES, satrap of Cappadocia, XVIII. 579.
- DATE, fruit, VI. 831.
- PALM, VI. 831; I. 258; XVIII. 190; of Arabia, II. 237; of Fezzan, Tunis, IX. 129.
- DATES, of principal events from earliest times to 1875, v. 720-754.
- DATHOLITE, mineral, XVI. 409.
- DATUM LEVELS, Tidal, XXIII. 369.
- DATURA STRAMONIUM, poisonous plant, XVII. 231.
- DAUBENTON, Louis Jean Marie, French naturalist, VI. 832; on birds, XVIII. 6; his connexion with Buffon's natural history, IV. 444.
- DAUBENY, Charles Giles Bridle, English man of science, VI. 832.
- D'AUBIGNÉ, Françoise, Madame de Maintenon, xv. 304; IX. 578; XXI. 378.
- , Jean Henri Merle, historian of the Reformation, VI. 833.
- , Théodore Agrippa, French historian and poet, VI. 833; IX. 651.
- D'AUBUSSON, Pierre, grand-master of Knights of St John, VI. 834; his defence of Rhodes (1480), XXI. 174.
- DAUDIN, F. M., on reptiles, XX. 434.
- DAUGLISH APPARATUS, for manufacture of aerated bread, III. 255.
- DAULIAS LUSCINIA, species of birds, XVII. 499.
- DAUMAT, Jean, French juriconsult, VII. 346.
- DAUN, Count von, Austrian general, VI. 834; III. 128.
- DAUNIANS, ancient Italian tribe, XIII. 446.
- DAUPHIN, French title, IX. 546; XIX. 738.
- DAUPHINÉ, old province, France, VI. 835.
- ALPS, I. 624.
- DAURAT, Jean, French poet, VI. 835; XX. 84.
- DAURIANS, Tungus tribe, Siberia, XXIII. 608.
- D'AUVERGNE, Henri de la Tour (Turenne), French marshal, XXIII. 626; IX. 571.
- DAUW, Burchell's zebra, XII. 175.
- DAVAO, town, Philippine Islands, XVIII. 750.
- DAVENANT, Charles, on the balance of trade, XIX. 357.
- , Sir William, English poet and dramatist, VI. 835; VII. 434.
- DAVENPORT, town, Iowa, U.S.A., VI. 836.
- , Horace, English amateur champion swimmer, XXII. 771.
- , John, founder of New Haven, Conn., U.S.A., XVII. 395.

- DAVENTRY, town, England, XVII. 556.
 DAVEY'S SAFETY MOTOR, XXII. 516.
 DAVID, king of Israel, VI. 836; XIII. 404; XXI. 253.
 —, City of (Jerusalem), XIII. 639.
 —, Psalms of, XX. 32; III. 638; VI. 841.
 —, St, patron saint of Wales, VI. 842.
 — I., king of Scotland, XXI. 482.
 — II., of Scotland, VIII. 319; XXI. 489.
 —, Jewish pretender, XX. 269.
 — of Beth Rabban, Syriac writer, XXII. 844.
 — of Dinant, French scholastic philosopher, VI. 844; XXI. 426.
 —, Christian, leader of Moravian Brethren, XVI. 812.
 —, Félicien César, French musical composer, VI. 842.
 —, Francis, Transylvanian bishop, XXII. 230; XXIII. 725.
 —, Jacques Louis, French painter, VI. 842.
 —, Jean Pierre (David d'Angers), French sculptor, VI. 843; XXI. 564.
 — BAR PAUL, Syriac writer, XXII. 852.
 — COPPERFIELD, Dickens's novel, VII. 177.
 — HA-COHEN, Spanish rabbi, VI. 843.
 DAVIDISTS, Christian sects, VI. 844.
 DAVIE, James, inventor of ballot machine, III. 291.
 DAVIES, Edward, on Neo-Druidism, V. 318.
 —, Griffith, on annuities, II. 81.
 —, Howell, Welsh preacher, XVI. 193.
 —, Sir John, English poet and statesman, VI. 844; XIII. 265.
 —, John, of Hereford, English poet, VI. 844.
 DAVILA, Gil Gonzalez, explorer, Nicaragua, XVII. 479.
 —, Henrico Caterino, Italian historian, VI. 844.
 DA VINCI, Leonardo, Italian painter, author, and man of science, XIV. 455; XXI. 435; his influence on Raphael, XX. 275; on binocular vision, XXII. 537.
 DAVINE, mineral, XVI. 412.
 DAVIS, Andrew Jackson, American spiritualist, XXII. 405.
 —, Edward, buccaneer, IV. 410.
 —, Jefferson, president, Confederate States, North America, XXIII. 773.
 —, John, English navigator, VI. 845; X. 184; XVII. 254; his Arctic explorations, XIX. 317.
 — STRAIT WHALE FISHERY, XXIV. 527.
 DAVOS, district, Switzerland, XI. 205.
 DAVY, Sir Humphrey, English man of science, VI. 845; on electro-chemical science, V. 466; Gay-Lussac's relations with, X. 122.
 DAVY LAMP, for mining, VI. 72.
 DAW, bird, XIII. 532.
 DAWES, W. R., his observatory, England, XVII. 711.
 DAWLEY, town, England, XXI. 848.
 DAWLISH, town, England, VI. 848.
 DAWN, morning twilight, XXIII. 674.
 DAWSON, William, on the use of lime as manure, I. 350.
 — SALMON, fish, XII. 686.
 DAX, town, France, VI. 848; mineral water of, XVI. 433.
 DAY, in the calendar, IV. 664; sidereal, II. 765; solar, II. 771; IV. 664; proposal of a universal, XXIII. 392, 394.
 —, Alfred, English writer on harmony, XVII. 100.
 —, Benjamin Franklin, American journalist, XVII. 434.
 —, Francis, founder of Madras city, XV. 189.
 —, John, English dramatist, VI. 848.
 —, Thomas, English tale writer, VII. 655.
 — BOOK, in book-keeping, IV. 46.
 — OF THE FOSSE, massacre (807), Toledo, Spain, XXII. 310.
 — OF THE SPURS, battle at Courtrai, Flanders (1302), VI. 521; IX. 544.
 DAYS, of the week, II. 740; IV. 664; XXI. 125.
 DAYTON, town, Ohio, U.S.A., VI. 848; XVII. 737.
 DAZA (Maximinus), Roman emperor, XV. 645.
 D'AZEGLIO, Massimo, Italian writer and statesman, III. 167; XIII. 487, 489.
 DEACON, Office of, in the church, VII. 1; in primitive church, VIII. 484; XIX. 674; in Presbyterian churches, XIX. 677.
 DEACONESS, VII. 1.
 DEACONESS' HOMES, at Kaiserswerth, Germany, IX. 307.
 DEAD, Resurrection of the, VIII. 535.
 DEAD-HOUSES, V. 331.
 DEA DIA, Roman goddess, II. 671.
 DEADLY NIGHTSHADE, plant, III. 543.
 DEADLY SINS, The seven, VIII. 592.
 DEAD MARCH IN SAUL, Handel's, XI. 435.
 DEAD-RECKONING, in navigation, XVII. 264.
 DEAD SEA, Palestine, VII. 1; XIV. 217; XVIII. 171, 173.
 DEADWOOD, mining settlement, Wyoming, U.S.A., XXIII. 797.
 DEAF AND DUMB, or Deaf-Mutes, VII. 3; schools for, II. 722; Amman's method of training, I. 739; Abbé de l'Épée's, labours on behalf of, VIII. 457.
 DEAF AND DUMB MAN'S TUTOR, by Dalgarno, VI. 776.
 DEAFNESS, VII. 594.
 DEÁK, Franz, Hungarian statesman, VII. 12; XII. 374.
 DEAL, town, England, VII. 13; XIV. 39.
 DEAN, ecclesiastical dignitary, VII. 13; V. 228.
 DEANE, Sir Anthony, English ship-builder, XVII. 283.
 DEAN'S ISLANDS, South Pacific, XXIII. 602.
 DEARBORN OBSERVATORY, Chicago, U.S.A., XVII. 715.
 DEARG, Loughs, Ireland, XIII. 217.
 DEATH, Causes of, XVII. 686; of Enterozoa as compared with Protozoa, XIX. 837; ceremonies connected with, IX. 824; XXIII. 470; myths of, XVII. 158; Sisyphus myth, XXII. 102.
 — ADDER, XXII. 198.
 — DUTIES, XXIII. 88.
 DEATH-RATE, Average, in different countries, XIX. 517.
 DEATHS, Registration of, XX. 343.
 —, by suicide, XXII. 629.
 DEAUVILLE, town, France, XXIII. 589.
 DEBASEMENT OF COINAGE, XVI. 726; XVII. 653.
 DE BEAUMARCHAIS, Pierre A. C., French dramatist, III. 467.
 DEBEN, river, Suffolk, England, XXII. 621.
 DE BENNEVILLE, George, American Universalist, XXIII. 831.
 DEBENTURE, VII. 15.
 DE BLAINVILLE, H. M. D., on birds, XVIII. 20.
 DÉBONNAIRE, Le, Louis (Louis the Pious, *q.v.*), emperor, XV. 15.
 DEB RAJA, ruler of Bhutan, India, III. 632.
 DEBRA TABOR, town, Abyssinia, I. 64.
 DEBRECZYN, or Debretzn, town, Hungary, VII. 15; university of, XXIII. 852.
 DE BROSSES, Charles, on mythology, XVII. 137.
 DEBT, Law of, VII. 15. See also Bankruptcy, III. 341.
 —, National, XVII. 243.
 DEBTOR AND CREDITOR, XVIII. 440; in Roman law, XX. 685.
 DEBTS, Attachment of, III. 51.
 —, Preferred, XIX. 764.
 DECALOGUE, VII. 15; XIII. 399.
 DECAMERON, Boccaccio's work, III. 845; XIII. 504.
 DECAMPS, Alexander Gabriel, French painter, VII. 17.
 DE CANDOLLE, Augustin Pyramus, Swiss botanist, VII. 18; his classification of plants, IV. 80; XVI. 838.
 DECANUS, French and Lombard magistrate, VII. 14; XV. 217.
 DECAPODA, suborder of Mollusca, XVI. 669.
 DECAPOLIS, district, Palestine, VII. 18; XVIII. 177.
 DECARBONIZATION, of iron, XIII. 318.

- DECATUR, town, Illinois, U.S.A., VII. 18.
 —, Stephen, American naval officer, XXIII. 760.
 DE CAUS, Solomon, inventor of a steam-engine, XXII. 473.
 DECAV, Animal, XVII. 686; XIX. 9.
 DECAZES, Duke, favourite minister of Louis XVIII., IX. 619.
 DECCAN, territory, India, VII. 18; XII. 733; birds of, III. 763; its connexion with Berar, III. 583.
 DECEBALUS, Dacian prince, XXIII. 503.
 DECEMBER, month, VII. 19.
 DECEMVIRI, Roman magistrates, VII. 19; XX. 737.
 DECEPTION ISLAND, Antarctic Ocean, XVII. 407.
 DE CHARPENTIER, Jean, on glaciers, X. 628.
 DECHENITE, mineral, XVI. 404.
 DECIATES, Ligurian tribe, XIV. 639.
 DECIMAL COINAGE, VII. 20; XVI. 732.
 DECIMAL FRACTIONS, in arithmetic, II. 531; methods of marking, by Napier, XVII. 185; Stevinus's use of, II. 526; XXII. 546.
 DECIUS, Roman emperor, XX. 773, 776.
 — MUS, Publius, Roman consul, XVII. 64.
 DECIZE, town, France, XVII. 496.
 DECK, of ship, XXI. 820.
 DECKEN, Baron von der, African explorer, I. 247.
 DECKENDORF, or Deggendorf, town, Bavaria, VII. 32.
 DECLAMATIONS, Scholastic, XX. 515.
 DECLARATION, in law, VII. 21; XIX. 218.
 — OF INDEPENDENCE, American, XIII. 614; XXIII. 743, 754; XVIII. 741.
 — OF PARIS (1856), VII. 21; XVII. 290.
 — OF RIGHTS, English (1689), XX. 555; accepted by William III., XXIV. 579.
 — OF SPORTS, of James I., XXII. 431.
 DECLARATOR, in Scots law, VII. 22.
 DECLINATION, in astronomy, II. 765.
 —, or Variation, Magnetic, XV. 220, 238; XVI. 163; table of values of, XVI. 166.
 DECLINE AND FALL OF THE ROMAN EMPIRE, Gibbon's work, X. 578.
 DECLINOGRAPH, astronomical instrument, XVI. 256.
 DECLINOMETER, Bond's, astronomical instrument, XVI. 255; magnetic, XVI. 159, 162.
 DECORATION, Mural, XVII. 34.
 DECREE, in law, VII. 22; Roman, XIII. 132; imperial Roman, XX. 705.
 DECREET, in law, VII. 22.
 DECRETALS, in canon law, VII. 22; V. 16, 17, 19; XIX. 491; the false, (c. 850), V. 17; XVII. 483; XIX. 496.
 DECRETUM, Papal, of Gratian, XIX. 499.
 DECURIO, Roman cavalry officer, VII. 22.
 DEDAN, of Scripture, XXIV. 738.
 DEDUCTION, in logic, I. 797; XIV. 785, 790.
 DEE, river, England and Wales, V. 589; VII. 76; XVI. 38.
 —, rivers, Scotland, I. 44; XIV. 97.
 —, John, English mathematician and astrologer, VII. 22.
 DEED, in law, VII. 23.
 DEEDS, Registration of, XX. 342.
 DEEMLA (Dimlah), town, India, XX. 272.
 DEEMSTER, judge, Isle of Man, XV. 452.
 DEEPING FEN, England, Draining of, I. 405.
 DEEP-SEA THERMOMETER, XXIII. 291.
 DEER, ungulate mammal, VII. 23; XV. 431, 432; of India, XII. 742.
 — FORESTS, Scotland, XXI. 532.
 DEFÆCATION, XVII. 670.
 DEFAMATION, in law, VII. 25; XIV. 505.
 DEFENDER OF THE FAITH, VII. 25.
 DEFFAND, Marquise du, leader in French literary society, VII. 25.
 DEFILADING, in fortification, IX. 425.
 DEFINITION, in logic, XIV. 785, 790; Socratic use of, XXII. 236.
 DEFLOURATION, in medical jurisprudence, XV. 780.
 DEFOE, Daniel, English writer, VII. 26; his connexion with newspapers, XVII. 415; pamphlets of, XVIII. 205; his place in English literature, VIII. 425, 428; projector of savings' banks, XXI. 327.
 DEFORMITIES, Surgical treatment of, XXII. 691.
 DEGAID, Irish clan, XIII. 245.
 DE GEER, Charles, Swedish entomologist, XXIV. 806.
 DE GÉRANDO, Marie Joseph, French metaphysician, VII. 31.
 DEGGENDORF, town, Bavaria, VII. 32.
 DEGH, river, India, XXI. 850.
 D'ÉGLANTINE, P. F. N. Fabre, French dramatist and Revolutionist, VIII. 840.
 DEGLUTITION, Process of, I. 838; XVII. 670.
 DEGRADATION, from knighthood, XIV. 125.
 DEGREE, angular magnitude, XXIII. 9, 563; of the meridian, length of, X. 198.
 DEGREES, Academical, VIII. 777; origin of, XXIII. 835; Scottish, XXIII. 855.
 DE-GUE, district, Tibet, XXIII. 342.
 DE HEEM, Johannes, Dutch painter, XI. 611.
 DE HERBERAY, Nicolas, French translator of Amadis, XX. 654.
 DEHLI (Delhi, *q.v.*), India, VII. 45.
 DEHRA, town, India, VII. 33.
 — DUN, district, India, VII. 32.
 DEHRI SHAHAN, village, Punjab, India, XX. 298.
 DEIFICATION, II. 199.
 DEI FILIUS, constitution passed by Vatican council, XXIV. 112.
 DEIFR (Deira, *q.v.*), Celtic kingdom, England, XVII. 568.
 DEIOCES, Median king, XVIII. 562.
 DEIPNOSOPHISTÆ, Athenæus's work, II. 831.
 DEIRA, Celtic kingdom, England, V. 301; VIII. 270; XVII. 568.
 DEIR-EL-KAMAR, town of the Druses, VII. 483.
 DIERMEN TEPE, hill, near Smyrna, Asia Minor, XXII. 186.
 DEISM, VII. 33; XXIII. 244; Lord Herbert's, XI. 722; Shaftesbury's, XXI. 734; Tindal's, XXIII. 404; Chubb's writings on, V. 757.
 DEISTS, English, their writings, VIII. 427; Bishop Butler's opposition to, IV. 583.
 —, SHORT AND EASY METHOD WITH THE, Leslie's work, XIV. 476.
 DEITY, Idea of the, XXIII. 235. See also God.
 DE JUSSIEU, French family of botanists, XIII. 788.
 DEKABRISTS, Rebellion of, in Russia, XXI. 101.
 DEKEN, Aagjen, Dutch writer, XII. 96.
 DEKKER, Jeremias de, Dutch poet, VII. 37.
 —, Thomas, English dramatist, VII. 37, 432.
 DE LA BADIE, Jean, French Pietist, XIV. 163.
 DE LA BASTIE, Sieur, French envoy in Scotland, XXI. 497.
 DE LA BECHE, Henry Thomas, English geologist, VII. 38.
 DE LA CONDAMINE, Charles Marie, French savant, X. 189; XIV. 193; measuring arc of meridian, VII. 598.
 DELACROIX, Ferdinand Victor Eugène, French painter, VII. 39.
 DE LA GARDIE, Count, Swedish general and chancellor, XXII. 748.
 DELAGOA BAY, South-East Africa, VII. 40.
 DE LA LIVE D'ÉPINAY, Madame, French authoress, VIII. 482.
 DELAMBRE, Jean Baptiste Joseph, French mathematician and astronomer, VII. 40; II. 758; his logarithmic tables, XXIII. 10; his formulæ in spherical trigonometry, XXIII. 566.
 DELANE, John Thaddeus, English journalist, XVII. 418.
 DE LANGLE, P. A. M. Fleuriot, French navigator, XIV. 298.
 DE LANNON, Baroness, Dutch poetess, XII. 96.
 DE LA RIVE, Auguste, Swiss physicist, VII. 41.
 DELAROCHE, Hippolyte, French painter, VII. 41.
 DELARUE, Gervais, French historian, VII. 42.

- DE LA RUE, W., on sun spots, II. 786; his observatory, at Cranford, England, XVII. 711.
- DELAUNAY, Charles, on the lunar theory, XVI. 801.
- , Charles, assumed name of Madame Girardin, French writer, x. 621.
- , Marguërite Jeanne Cordier, Baronne de Staal, XXII. 439.
- DELAUVIGNE, Jean François Casimir, French poet and dramatist, VII. 43; 427; IX. 672.
- DELAWARE, river, Pennsylvania, U.S.A., VII. 44; XVIII. 500, 736.
- , State, U.S.A., VII. 44; population, XXIII. 802; colony of, XXIII. 730.
- , town, Ohio, U.S.A., VII. 45.
- DELAWARES, American-Indian tribe, XII. 831.
- DE LA WARR, Peter, speaker of House of Commons, XVIII. 306.
- DEL CHIARO, on Walachia, XXI. 17.
- DEL CIMENTO, Florentine academy, I. 70; XV. 793.
- DELCOURT, Dupuis, aeronaut, I. 193.
- DEL CREDERE AGENT, in commerce, VII. 45.
- DE L'ÉPÉE, Abbé, VIII. 457; his labours on behalf of deaf-mutes, VII. 7.
- DELESSITE, mineral, x. 228; XVI. 414.
- DELFICO, Melchiorre, Italian jurist, VII. 45.
- DELFT, town, Holland, VII. 45.
- WARE, XIX. 631.
- DELHI, district, India, VII. 45; XX. 109.
- , or Dehli, town, India, VII. 46; siege of (1857), XII. 810; school of poets at, XI. 848.
- DELI, district, Sumatra, XXII. 639.
- , island, Java, XIII. 600.
- , town, Timor, Indian Archipelago, XXIII. 398.
- DELIA, Greek festival, VII. 49.
- , Tibullus's love, XXIII. 349.
- DELICT, in law, XXIII. 454.
- DELILLE, Jacques, French poet, VII. 49; IX. 665.
- DELINEATION, in drawing, VII. 447.
- DELIRIUM, mental disorder, VII. 50; XIII. 106.
- TREMENS, VII. 50.
- DELISLE, Guillaume, his map of the Old World, x. 188.
- , Joseph Nicolas, on astronomy, II. 757; his thermometer, XXIII. 289.
- , Romé, on crystals, VI. 672.
- DELITZSCH, town, Prussia, VII. 51.
- DELLA CHIAJE, Italian naturalist, XXIV. 806.
- DELLA PORTA, Giacomo, Italian architect, II. 439.
- DELLA PORTA, Giovanni Battista, Italian natural philosopher, XIX. 525; his steam-engine, XXII. 473; his connexion with the telescope, XXIII. 135.
- DELLA ROBBIA, Florentine family of artists, XX. 588.
- DELLA VALLE, Pietro, Italian traveller, XXIV. 43.
- DELLMAN'S ELECTROMETER, VIII. 119.
- DEL MONTE, Gian Maria (Pope Julius III.), XIII. 772.
- DELOLME, Jean Louis, Swiss jurist, VII. 51.
- DE LONG, Lieut., Arctic explorer, XIX. 326.
- DELOS, island, Greece, VII. 51; II. 185; amphictyony of, I. 773; XI. 100; worship of Latona in, XIV. 345.
- DE LOUTHERBOURG, Philip James, painter, VII. 52.
- DELPHI, town, Greece, VII. 52; II. 185; amphictyony of, I. 772; oracle and temple at, XVII. 808; VII. 53; XI. 98; XIV. 345.
- , Mount, Eubœa, Greece, VIII. 647.
- DELPHINAPTERUS, genus of cetacean mammals, XV. 398; XXIV. 525.
- DELPHIN EDITIONS, of the classics, III. 657.
- DELPHINIA, Greek festival, VII. 53.
- DELPHINIDÆ, family of Cetacea, XV. 398.
- DELPHINIUM, Greek harbour, XVIII. 50.
- , plant, XII. 255.
- DEL RIO, Ercole, Italian chessplayer, v. 601.
- DELRIO, Martin, on demoniacal possession, VII. 62.
- DELTA, at mouth of a river, x. 278, 319; XX. 580; formation of, XII. 504; of the Nile, VII. 768.
- , territory, Venezuela, XXIV. 140.
- , assumed name of David Macbeth Moir, Scottish poet, XVI. 608.
- DELUC, Jean André, Swiss geologist, VII. 53; XXII. 799.
- DELUGE, in primitive cosmogonies, VII. 54; XVII. 143.
- DELUSION, in insanity, XIII. 105.
- DEMADES, Greek orator, VII. 57.
- DEMAGNETIZATION, XV. 254.
- DE MAILLET, Benoît, his evolutionist views, VIII. 748.
- DE MAISTRE, Joseph, French diplomatist and polemical writer, xv. 306.
- DE MAISTRE, Xavier, French writer, xv. 307; IX. 672.
- DEMAK, town, Java, XIII. 606.
- DEMAND AND SUPPLY, in economics, XXIV. 47.
- DEMATOPHORA NECATRIX, vine fungus, XXIV. 240.
- DEMBINSKI, Henry, Hungarian general, XII. 372.
- DEMBOWSKI, Baron, his observatory at Gallarate, Italy, XVII. 714.
- DEMENTIA, mental disease, XIII. 107.
- DEMERARA, county, British Guiana, XI. 249; river, XI. 250.
- DEMETER, Greek goddess (the Roman Ceres), v. 345; XVII. 127; festival of (Thesmophoria), XXIII. 295; mysteries of, VIII. 126.
- DEMETRIA, Greek festival, VII. 57.
- DEMETRIAS, ancient town, Thessaly, Greece, XXIII. 299; XXIV. 282.
- DEMETRIUS, Bactrian king, XVIII. 590.
- I., Polioretetes, king of Macedonia, VII. 57.
- II., of Macedonia, VII. 58.
- I., Soter, king of Persia and Syria, VII. 58; XIII. 422; XVIII. 590.
- II., Nicator, of Persia and Syria, VII. 58; XIII. 423; XVIII. 591.
- III., Euergetes, of Syria, VII. 58; XVIII. 595.
- , bishop of Alexandria, his relations with Origen, XVII. 840.
- , Greek Cynic philosopher, VII. 58.
- (Dmitri, *q.v.*), Russian pretender, XXI. 108.
- of Scepsis, ancient writer on the Trojans, XXIII. 581.
- PHALEREUS, Greek Peripatetic philosopher, VII. 58.
- DEMIDOFF, Russian noble family, VII. 59.
- DEMIDOWITE, mineral, XVI. 411.
- DEMISE, in law, XIV. 273.
- DEMIURGE, in Gnosticism, x. 704; Marcion's doctrine of the, xv. 534.
- DEMMIN, town, Prussia, VII. 59.
- DEMOCRACY, Government by, XI. 11; in France (1789), IX. 597; in relation to socialism, XXII. 221.
- DEMOCRATIC PARTY, United States, XXIII. 755, 764, 771.
- DEMOCRITUS, Greek philosopher, VII. 59.
- , Christianus, assumed name of J. C. Dippel, German theologian and alchemist, VII. 255.
- DEMOGRAPHY, or Statistics, XXII. 463.
- DEMOIVRE, Abraham, mathematician, VII. 60; his law of mortality, II. 76; on probability, XIX. 769.
- DEMOIVRE'S THEOREM, in analytical trigonometry, XXIII. 568.
- DEMON, VII. 60. See Dæmon.
- DEMONESI, or Demonnesi, islands, Sea of Marmora, XIX. 742.
- DEMONIACAL POSSESSION, Theories of, II. 56; VII. 61.
- DEMONOLOGY, VII. 60; xv. 199.
- DE MONTCORBIER (F. Villon), French poet, XXIV. 232.
- DE MONTE, G. B. (Montanus), Italian physician, xv. 809.
- DE MONTS, French settler, Maine, U.S.A., xv. 300.
- DE MORGAN, Augustus, English mathematician and logician, VII. 64.
- DEMOS, Athenian, compared with Roman plebs, XVII. 526.
- DEMOSPONGIÆ, subclass of sponges, XXII. 421, 425.
- DEMOSTHENES, Athenian general in Syracusan war, XXII. 815.

- DEMOSTHENES, Greek orator, VII. 67; XI. 103, 142; his ridicule of Alexander, I. 481; his connexion with Isæus, XIII. 376.
- DEMOTICA, town, European Turkey, VII. 74.
- DEMOTIC WRITING, in Egypt, XI. 794.
- DEMPO, mountain, Sumatra, XXII. 638.
- DEMPSTER, Thomas, Scottish scholar, VII. 74.
- DEMTER (Deventer), town, Holland, VII. 135.
- DEMURRAGE, in maritime law, VII. 75.
- DEMURRER, in law, VII. 75.
- DENAIN, town, France, VII. 75; XVII. 535.
- DENAIR, town, Asia Minor, II. 147.
- DENARIUS, Roman coin, XVII. 652, 655.
- DENBIGH, county, Wales, VII. 76; population and representation, XXIII. 727; coalfield, VI. 52.
- DENDERAH, or Dendarah, village, Upper Egypt, VII. 77; temple of, VII. 776.
- DENDERMONDE, town, Belgium, VII. 78.
- DENDROCOPUS, genus of birds, XXIV. 652.
- DENDROCECA, genus of birds, XXIV. 367.
- DENDROHYRAX, genus of ungulate mammals, XII. 599; XV. 423.
- DENDROLAGUS, genus of marsupial mammals, XIII. 840.
- DENDROPHIDÆ, family of snakes, XXII. 192, 195.
- DENESHKIN (or DENEZHKIN) KAMEN, mountain, Russia, XVIII. 549; XXIV. 4.
- D'ENGHIEN, Duc, French Royalist, VIII. 214; his execution, XVII. 207.
- DENGHIZ (Balkash, *q.v.*), lake, Central Asia, XXI. 640.
- DENHA, Syriac writer, XXII. 848.
- DENHAM, Dixon, African traveller, I. 246; V. 801.
- , Sir John, English poet, VII. 78; VIII. 424.
- DENIER, mediæval coin, XVII. 654.
- DENINA, Carlo Giovanni Maria, Italian historian, VII. 79.
- DENIS, St, patron saint of France, VII. 79; XVIII. 286.
- , king of Portugal, XIX. 542, 555.
- , island, Seychelles, XXI. 725.
- DENISON, town, Texas, U.S.A., XXIII. 205.
- DENIZ, Ak, lake, Syria, XXII. 821.
- DENIZEN, in law, VII. 79.
- DENMAN, Lord, chief-justice of England, VII. 79.
- DENMARK, VII. 80; union with Norway, XVII. 589; union with Sweden (1397), XXII. 746; seizure of fleet by England (1807), XVII. 212; Prussian and Austrian invasion (1864), III. 139; IX. 625; academy, I. 73; army, II. 615; birds, XVIII. 17; church, VIII. 491; coins, XVII. 658; drama, VII. 444; forests, IX. 400; language, XXI. 373; libraries, XIV. 532, 549; literature, VII. 89; national debt, XVII. 246; newspapers, XVII. 430; observatories, XVII. 714; oyster culture, XVIII. 108; periodical literature, XVIII. 543; prison system, XIX. 759; railways, XX. 251; Reformation in, XX. 336; weights and measures, XXIV. 490.
- DENNEWITZ, Prussia, Battle of (1813), XVII. 220.
- DENNIS, John, English critic and poet, VII. 94.
- DENNY, town, Scotland, XXII. 554.
- DENON, Baron de, French artist and archæologist, VII. 95.
- DENSITY, of bodies, defined, XV. 698; unit of, VII. 241; determination of, XII. 536; tables of, XII. 541; of water of Atlantic and Pacific Oceans, XVIII. 120.
- DENT, Alfred, English settler, North Borneo, XXI. 124.
- , E. J., English watchmaker, XXIV. 396.
- DENTALIUM, genus of Mollusca, XVI. 663.
- DENTIFRICES, XVIII. 526.
- DENTINE, or Ivory, VII. 233; XIII. 520; XV. 349.
- DENTISTRY, VII. 95; artificial teeth, XIII. 523; in relation to medicine, XV. 797.
- DENTITION, of man, VII. 96, 232; of fishes, XII. 654; of mammals, XV. 349 (and article Mammalia throughout); of the horse, XII. 178; of the vole, XXIV. 277; of the walrus, XXIV. 337.
- D'ENTRECASTEAUX, J. A. Bruni, French navigator, VIII. 454; X. 190.
- ISLANDS, New Guinea, XVII. 386.
- DENUATION, in geology, X. 372.
- DEOBAND, town, India, XXI. 152.
- DEODAND, in English law, VII. 100.
- DEODAR, tree, V. 286; IX. 405; culture of, II. 319.
- DEODATUS, St, of Nevers, XXI. 161.
- DEOGAN, chief god of the Kafirs, Asia, XIII. 822.
- DEOGHAR, town, India, XXI. 297.
- DEOGURH (Dowletabad), fortress, India, VII. 382.
- DEOR'S COMPLAINT, Anglo-Saxon poem, VIII. 403.
- DÉPARCIEUX, Antoine, his mortality tables, II. 76.
- DEPARTMENT, French administrative division, IX. 509, 600.
- DEPARTURE, in navigation, XVII. 264.
- D'ÉPINAY, Madame, French authoress, VIII. 482; as patroness of Rousseau, XXI. 25.
- DEPLOYMENT, of an army, XXIV. 352.
- DEPOSITS, geological, X. 276; in North Sea, XVII. 563; in Norwegian Sea, XVII. 593; in Pacific Ocean, XVIII. 121.
- , in savings banks, XIX. 573; XXI. 329.
- DEPÔTS, Military, XXIV. 353.
- , Railway, XX. 234.
- DEPRÈS, Josquin, Flemish musical composer, VII. 101; XVII. 83; XVIII. 180.
- DEPRESSION, in insanity, XIII. 105.
- DEPTFORD, town, England, VII. 101; dockyard, VII. 310; Trinity House at, XXIII. 574.
- DEPULSOR, epithet of Jupiter, XIII. 780.
- DE QUATREFAGES, J. L. A., on silk-worm disease, XXII. 59; on Teredo, XXIII. 185.
- DE QUINCEY, Thomas, English writer, VII. 101.
- DERA, river, Morocco, XVI. 832.
- GHAZI KHAN, district, India, VII. 104; XX. 109.
- ISMAIL KHAN, district, India, VII. 105; XX. 109.
- DERAJAT, division, India, VII. 105; XX. 109.
- DE RANCÉ, Armand J. B., abbot of La Trappe, XXIII. 523.
- DERAYA, or Dereyeh, town, Arabia, VII. 113.
- DERBE, town, Asia Minor, XV. 92.
- DERBEND, town, Hissar, Central Asia, XII. 3.
- , or Derbent, town, Russia, VII. 105.
- DERBY, county, England, VII. 106; population and representation, XXIII. 727; coalfield, VI. 51.
- , town, England, VII. 108; porcelain factory at, XIX. 641.
- , horse race, England, XII. 201.
- , Earls of, their connexion with Isle of Man, XV. 454; fourteenth earl, English statesman, VII. 109; VIII. 366.
- DERBYSHIRE NECK, disease, X. 739.
- DEREHAM, town, England, XVII. 536.
- DE RETZ, Cardinal, leader of Fronde, XX. 488; IX. 572.
- DEREVERAGH, Lough, Ireland, XXIV. 512.
- DEREYEH, town, Arabia, VII. 113.
- DERG, Lough, Ireland, VII. 362.
- DERHAM, William, English divine and man of science, VII. 113.
- D'ERLON, Count Drouet, French general, VII. 473.
- DERMATEMYS, genus of chelonian reptiles, XXIII. 457.
- DERMATINE, mineral, XVI. 415.
- DERMATOCHELYS, genus of chelonian reptiles, XXIII. 457.
- DERMATOGEN, primary epidermis of plants, XII. 15.
- DERMATOLOGY, in relation to medicine, XV. 797.
- DERMATOPHYTA, group of vegetable parasites, XXIV. 206.
- DERMATOZOA, group of animal parasites, XXIV. 206.
- DERMOD MACMURROUGH, king of Leinster, Ireland, XIII. 258.
- DERMOID CYST, disease, XVIII. 372.

- DERMOPTERA, suborder of insectivorous mammals, xv. 401.
- DERNA (Darnis), seaport, Tripoli, North Africa, xxiii. 575.
- DE' ROSSI, Gian Battista, on the Catacombs, v. 207.
- DE ROSSI, J. B., his edition of the Hebrew Bible, iii. 647.
- DERRY, or Londonderry (*q.v.*), town, Ireland, xiv. 853.
- DEORTONA (Tortona), ancient town, Italy, xxiii. 460.
- DEORTOSA (Tortosa), ancient town, Spain, xxiii. 460.
- DERVISH, DERVISHES, vii. 113; xxii. 662, 665; Egyptian, vii. 726; dancing (Maulawi), xxi. 59.
- DERWENT, river, Derbyshire, England, vii. 106.
- , river, Northumberland, England, xvii. 565.
- , river, Tasmania, xxiii. 72.
- DERWENTWATER, lake, England, vi. 699.
- DERZHAVIN, Gabriel, Russian poet, xxi. 106.
- DE SACY, Antoine Isaac, Baron Silvestre, French Orientalist, xxi. 140.
- , Isaac Louis Le Maître, Port Royalist, xxi. 141.
- DESAGULIERS, Jean Théophile, his electrical experiments, viii. 4.
- DESAIX DE VOYGOUX, Louis C. A., French general, vii. 114.
- DE SALLO, Denis, French man of letters, xviii. 539.
- DESARGUE'S THEOREM, of projections, xix. 794.
- DESAUGIERS, Marc Antoine Madeleine, French dramatist, vii. 114.
- DESAULT, Pierre Joseph, French anatomist, vii. 115; Bichat's connexion with, iii. 664.
- DE SAUSSURE, Horace Bénédicte, xxi. 323; on glaciers, x. 629.
- DE SAUSSURE, Nicolas T., xxi. 324.
- DE SAUTY, his electric telegraph test, xxiii. 118.
- DESCANT, musical, xvii. 81.
- DESCARTES, René, French philosopher, vii. 115; his application of algebra to geometry, i. 514; xiii. 6; on axioms, iii. 159; on evolution, viii. 747, 759; on the extension of matter, iii. 37; his logic, xiv. 791; his metaphysic, xvi. 91; on squaring the circle, xxii. 435; his influence on French literature, ix. 660; his connexion with Pascal, xviii. 334; Leibnitz's criticism of, xiv. 421.
- DESCENT, in law, xiii. 77; rules of, in aboriginal tribes, xxiii. 473.
- DESCHAMPS, Eustache, French poet, vii. 128; ix. 644.
- DESCHAPPELLES, A. L. H. L., French chessplayer, v. 601.
- DES CHUTES, river, Oregon, U.S.A., xvii. 822.
- DESCLOIZITE, mineral, xvi. 406.
- DES CLOT, Bernat, Catalan chronicler, xxii. 363.
- DESEADO, river, Patagonia, xviii. 353.
- DESERT, DESERTS, Oases in, xvii. 695; of Arabia, ii. 239; Gobi, Central Asia, x. 712; Sahara, Africa, xxi. 149.
- DESERTAS, islands, Madeira, xv. 181.
- DESERTED VILLAGE, Goldsmith's poem, x. 762.
- DESERTION, in military law, xvi. 298.
- of a wife, vii. 301; xxiv. 643.
- DESFONTAINES, René Louiche, French botanist, vii. 129.
- DESFUL (Dizful), town, Persia, vii. 305; xviii. 627.
- DESHOULIÈRES, Antoinette, French poetess, vii. 129.
- DESIDERI, P. Ipolito, traveller in Tibet, xiv. 503.
- DESIDERIO DA SETTIGNANO, Italian sculptor, vii. 129.
- DESIGN, Artistic, vii. 446; copyright in, vi. 364.
- , Doctrine of (Teleology), xviii. 182; xx. 301; xxiii. 248; xxiv. 802.
- DESIGNATIONS, Abbreviations of, i. 28.
- DESIMA, island, Japan, xvii. 164.
- DESIRE, Psychological analysis of, xx. 74.
- DES LOGES (F. Villon), French poet, xxiv. 232.
- DESMAREST, Anselme, on birds, xviii. 11.
- DESMIDIEÆ, division of Algæ, i. 508; vii. 170.
- DESMODUS RUFUS, blood-sucking bat, xv. 415; xxiv. 52.
- DESMOGNATHOUS TYPE, of birds, iii. 711.
- DES MOINES, town, Iowa, U.S.A., vii. 130.
- DESMOND, Earls of, Ireland, vi. 404; xiv. 52; their rebellions, xiii. 264, 265; first earl (Maurice Fitzgerald), xiii. 260.
- DESMOTHORACA, order of Protozoa, xix. 845.
- DESMOULINS, Camille, French journalist and Revolutionist, vii. 130; ix. 673.
- , Roger, grand-master of Knights of St John, xxi. 174.
- DES MURS, M. A. P. C., on birds, xviii. 13, 32.
- DESOLATION ISLAND, Southern Ocean, xiv. 48.
- DESOLATION LAND, Tierra del Fuego, South America, xxiii. 384.
- DE SOTO, Ferdinando, Spanish explorer, vii. 131.
- DESPENAPERROS, pass, Spain, xxii. 294.
- DESPENSER, Hugh, minister of Edward II. of England, vii. 683.
- DES PERIERS, Bonaventure, French writer, ix. 653.
- DESPORTES, Abbé, French poet, xx. 347.
- DESPREZ (Deprès, *q.v.*), Josquin, Flemish composer, vii. 101.
- DESSAIX, Joseph Maria, Count, French general, vii. 132.
- DESSALINES, Negro chief, Hayti, xi. 545.
- DESSAU, town, Germany, vii. 132.
- DESSAUER, Der Alte, Leopold, duke of Anhalt-Dessau, xiv. 467.
- DESSLER, Wolfgang C., German hymn-writer, xii. 587.
- DE STAEL, Madame, French writer, xxii. 439; ix. 672.
- D'ESTE, princely house, Italy, viii. 558; ix. 108; xvi. 542; xx. 341.
- , Leonora, friend of Tasso, xxiii. 76.
- DE STENDHAL (M. H. Beyle), French writer, iii. 621.
- DESTERRO, town, Brazil, vii. 132.
- DESTINY, Oriental ideas of, i. 464.
- , novel, by Miss Ferrier, ix. 111.
- DESTRUCTION OF THE PHILOSOPHERS, Al-Gazali's treatise, i. 510.
- DESTRUCTIVENESS, in phrenology, xviii. 845.
- DESTUTT DE TRACY, A. L. C., French philosopher, xxiii. 497.
- DETECTIVES, Police, xix. 337.
- DETERMINANTS, in algebra, i. 516; viii. 497; Spottiswoode on, xxii. 432.
- DETERMINISM, in philosophy, xxiii. 234.
- DE THOU, Jacques A., French historian, xxiii. 315; ix. 659.
- DETMOLD, town, Germany, vii. 133; xiv. 683.
- DE TOCQUEVILLE, A. H. C. Chérel, Comte, French writer, xxiii. 430; ix. 675.
- DETONATION, of explosives, viii. 809.
- DETROIT, town, Michigan, U.S.A., vii. 133; population, xxiii. 822.
- DETTINGEN, Bavaria, Battle of (1743), ix. 586.
- DEUCALION, in Greek legend, vii. 134.
- DEULWARA, India, Temples of, i. 59.
- D'EUSE, Jacques (Pope John XXII.), xiii. 712.
- DEUTERONOMY, Book of, iii. 637; xiii. 415; xviii. 505.
- DEUTSCH, use of the word, x. 473; as applied to language, x. 514.
- , Emanuel Oscar Menahem, German Orientalist, vii. 134.
- DEUTSCHE THEOLOGIE, mystical book of devotion, xvii. 133.
- DEUTSCHKATHOLIKEN, or German Catholics, x. 444.
- DEUTSCHKRONE, town, Prussia, vii. 134.
- DEUTZ, town, Rhenish Prussia, vii. 134.
- DEUX PONTS (Zweibrücken), town, Bavarian Palatinate, vii. 134.
- DEUX SÈVRES, department, France, xxi. 710.

- DEVA, in Hindu theology, XXIV. 821.
- DEVANAGARI, the current Sanskrit character, XXI. 272; numerals in, XVII. 626.
- DEVAPRAYAGA, town, India, VII. 135.
- DEVASTAVIT, in law, XXIV. 394.
- DEVELOPMENT, Animal, Doctrine of, VIII. 745; XX. 420; XXIV. 815, 801; in relation to ethnology, VIII. 616, 618; Lamarck's theory of, XIV. 232.
- , Embryonic, VIII. 163; in human anatomy, I. 830, 842, 850, 853, 855, 858, 863, 908; of Mollusca, XVI. 637, 682; of tapeworms, XXIII. 52; of trematode worms, XXIII. 537.
- DEVENTER, town, Holland, VII. 135; XVIII. 78; educationists of, VII. 672; mediæval college of, XIV. 31.
- DEVEREUX, Walter and Robert, earls of Essex, VIII. 555, 556.
- DE VICO'S COMET, VI. 192, 193.
- DE VIGNY, Alfred Victor, Comte, French poet and novelist, VII. 135.
- DEVIL, VII. 136, 60; in miracle plays, VII. 415.
- FISH, VII. 138; XII. 686; XX. 300.
- DE VILLE, Antoine, French military engineer, IX. 441.
- DEVILLE, Étienne Henri Sainte-Claire, French chemist, XXI. 165; on aluminium, I. 647; on chemical dissociation, V. 475; on platinum, XIX. 190; his pyrometer, XX. 131.
- DE VILLIERS, John, grand-master of Knights of St John, XXI. 174.
- DEVIL'S DARNING NEEDLE, insect, VII. 385.
- DEVIL'S DUST, adulterant of cloth, I. 176.
- DEVIL'S DYKE, Sussex, England, XXII. 723.
- DEVIL'S SONATA, Tartini's, XXIII. 71.
- DEVIL'S TOWER, natural pillar, Rocky Mountains, U.S.A., XXIII. 797.
- DEVIL-WORSHIP, by Rais (or Retz), XX. 258.
- DE VISÉ, Donneau, French journalist, XVII. 424.
- DEVIZES, town, England, VII. 138; population, XXIV. 594.
- DEVOLUTION WAR, between England and the Netherlands, IX. 575.
- DEVON (Devonshire, *q.v.*), county, England, VII. 139; XXIII. 727.
- , river, Scotland, V. 798.
- DEVONIAN ROCKS, X. 340.
- DEVONPORT, town, England, VII. 138; XIX. 236; dockyard, VII. 318.
- DEVONS, North, breed of cattle, I. 388.
- DEVONSHIRE, county, England, VII. 139; population and representation, XXIII. 727; fisheries of, IX. 253.
- , First Duke of, VII. 143.
- DEVR, dance of the dervishes, VII. 114.
- DEW, XVI. 120.
- DE WARVILLE, Jean Pierre Brissot, French Revolutionist, IV. 347.
- DEWBERRY, plant, VII. 143.
- D'EWES, Sir Simonds, English chronicler, VII. 143.
- DE WETTE, Wilhelm Martin Leberecht, German theologian, VII. 144; on the Pentateuch, XVIII. 505; on German rationalism, XX. 290.
- DE WINTER, Jan Willem, Dutch admiral, VII. 144.
- DE WITT, Cornelius, Dutch burgomaster, VII. 145.
- , John, Dutch statesman, VII. 145; XII. 80.
- DEW-POINT, VIII. 727; XII. 570.
- DEWSBURY, town, England, VII. 146; population and representation, XXIV. 748.
- DEXTRIN, or British gum, VII. 146; XV. 338.
- DEXTROGLUCOSE, in honey, XII. 136.
- DEXTROSE, or Grape Sugar, IX. 96; XV. 338; XXII. 623.
- DEV, governor of Algiers, I. 566; of Tunis, XXIII. 621.
- DEYRSIMLIS, Kurdish tribe, XIV. 157.
- DHAKA (Dacca), district and town, India, VI. 756.
- DHAMMASAT, Burmese code of law, IV. 553.
- DHAMRA, river, India, V. 243.
- DHAR, native state, India, VII. 146.
- DHARMA, doctrine or laws, in Tibet and India, XXI. 287; XIV. 227.
- DHARMASUTRAS, Sanskrit laws, XXI. 288.
- DHARMNATH, India, Temple at, I. 423.
- DHARM RAJA, spiritual ruler of Bhutan, III. 632.
- DHARNA, Hindu custom, XIV. 360.
- DHARWAR, district, India, VII. 146.
- DHAWALAGIRI, or Diwalgiri, mountain, Himalayas, XI. 825.
- DHEBAR, artificial lake, India, XXIII. 716.
- DHOLIBA, name of the Niger, river, Africa, XVII. 496.
- DHOLPUR, native state, India, VII. 147; XX. 260.
- D'HOZIER, Pierre, French genealogist and journalist, XVII. 424.
- DHU HEARTACH ROCK LIGHTHOUSE, Scotland, XIV. 616.
- DHULIP SINGH, or Dhalip Singh, Sikh ruler, India, XII. 808; XX. 112.
- DHUPAN, river, India, XXI. 146.
- DIABASE, rock, X. 235.
- DIABETES, disease, VII. 147; XVII. 681; XVIII. 386; diet in, VII. 207.
- DIABLE BOITEUX, Le Sage's work, XIV. 472.
- DIABLERETS, mountain, Vaud, Switzerland, XXIV. 115.
- DIABLO, Monte, California, U.S.A., XXIII. 801.
- DIACRIOI, Athenian political party, XIX. 130.
- DIADEM, crown, VI. 619; ancient, XIII. 676.
- DIADOCHITE, mineral, XVI. 408.
- DIAGORAS, Greek poet, VII. 148.
- DIAGRAMS, geometrical figures, VII. 149.
- DIAL, or Gnomon, sun-dial, VII. 153; first construction of, II. 746.
- , of a clock, VI. 31.
- , American magazine, I. 729.
- DIALECTIC, in logic, XIV. 785, 786; Zeno's invention of, XXIV. 778; in ancient Greece, II. 516; Socrates's use of, XXII. 236.
- DIALECTICIANS, school of Greek philosophy, XXII. 562.
- DIALECTS, XVIII. 776.
- DIALLAGA, mineral, X. 235; XVI. 416.
- DIALLING, VII. 153.
- DIALOGITE, mineral, XVI. 398.
- DIALOGUE ON ORATORS, by Tacitus, XXIII. 20.
- DIALOGUES, Plato's, XIX. 195.
- ON NATURAL RELIGION, Hume's, XII. 355.
- DIALYSIS, in physics, VII. 217.
- DIAMAGNETIC BODIES, XV. 244, 262.
- DIAMAGNETISM, of flames, IX. 285.
- DIAMANTE, Fra, Italian painter, VII. 162.
- DIAMANTINA, district, Queensland, XX. 171.
- , or Tejuco, town, Brazil, VII. 162.
- DIAMANTINO, town, Brazil, VII. 162.
- DIAMASTIGOSIS, flogging of youths, Spartan custom, IX. 280.
- DIAMETER, of circle, ratio of circumference to, XXIII. 563.
- DIAMOND, precious stone, VII. 162; XVI. 381; as carbon, V. 86; cutting of, XIV. 298; I. 780; mining, XVI. 455; of Brazil, IV. 224; of India, XII. 766; of South Africa, V. 42, 46; XI. 204; XXIII. 518; tools, XI. 439; XVI. 443.
- BEETLE, VI. 133.
- DRILL, in mining, XVI. 443.
- NECKLACE, Intrigue of the, XX. 623.
- PEAK, mountain, Oregon, U.S.A., XVII. 822.
- DIANA, Roman goddess (the Greek Artemis), VII. 167; II. 643; XIII. 568; her association with Apollo, II. 186; temple of, at Ephesus, II. 406, 410; VIII. 468.
- DIANA'S PEAK, St Helena, XXI. 170.
- DIANO, town, Italy, VII. 167.
- DIANTHUS, genus of plants, XIX. 106.
- DIAPASON, organ pipe, XVII. 830.
- DIAPER, in architecture, II. 463.
- , kind of cloth, XXIII. 210; Japanese, XIII. 590.
- DIAPHANEITY, transparency, in minerals, XVI. 373.
- DIAPHONOMETER, Saussure's invention, XXI. 324.
- DIAPHONY, in music, XVII. 81.
- DIAPHORETICS, in medicine, VII. 167.
- DIAPHRAGM, of mammals, XV. 365; in human anatomy, XX. 476.

- DIARBEKIR, or Diarbekr, town, Asiatic Turkey, VII. 168; province, XXIII. 653.
- DIARMAIT, Irish king, XIII. 250.
- DIARRHŒA, disease, VII. 168.
- DIARTHRODIAL JOINTS, I. 833.
- DIARY OF A LATE PHYSICIAN, by S. Warren, XXIV. 373.
- DIAS, Antonio Gonçalves, Brazilian poet and historian, VII. 168.
- , Bartolommeo, Portuguese navigator, VII. 169; X. 180.
- DIASPORA, the Jewish dispersion, XIII. 429.
- DIASPORE, mineral, XVI. 387.
- DIASTALTIC SPINAL SYSTEM, of Marshall Hall, XI. 390.
- DIASTASE, nitrogenous ferment, IX. 96; IV. 267; XV. 338.
- DIATESSARON, Tatian's, XXII. 824; XXIII. 81.
- DIATHERMANCY, of air, III. 33.
- DIATOMACEÆ, subdivision of Algæ, VII. 169; I. 508; hæmatite deposits formed by, XIII. 286.
- DIATOM OOZE, of North Sea, XVII. 563; of Norwegian Sea, XVII. 593; of Pacific Ocean, XVIII. 123.
- DIATONIC SCALE, in music, I. 108; XVII. 79, 91.
- DIAZ, Rodrigo, *The Cid* (*q.v.*), V. 773.
- DE LA PEÑA, Narcisse Virgile, French painter, VII. 171.
- DIAZO-BODIES, nitrogenous carbon compounds, XVII. 519.
- DIBDIN, Charles, English song-writer and composer, VII. 171.
- , Thomas, English dramatist, VII. 172.
- , Thomas Frognall, English bibliographer, VII. 172.
- DIBRANCHIATA, order of Mollusca, XVI. 669.
- DIBRUGARH, station, Assam, India, XIV. 225.
- DIBUTADES (Butades), Greek modeller in clay, IV. 579.
- DICÆARCHIA (Pozzuoli), ancient town, Italy, XIX. 651.
- DICÆARCHUS, Greek philosopher and geographer, VII. 172; XVIII. 545; XXII. 20.
- DICHOPSIS GUTTA, species of trees, XI. 337.
- DICHOTOMY, Law of, in psychology, XX. 79.
- DICHOISM, in mineralogy, XVI. 375.
- DICHOITE, mineral, XVI. 418.
- DI-CHU, river, Tibet, XXIII. 339.
- DICK, Thomas, Scottish writer, VII. 173.
- , William, Scottish veterinarian, XXIV. 199.
- BEQUEST, for schools in North of Scotland, I. 45.
- DICKENS, Charles, English novelist, VII. 173.
- DICKENSON, John, English pastoral poet, XVIII. 346.
- DICKINSONITE, mineral, XVI. 405.
- DICKSON, David, Scottish hymn-writer, XII. 591.
- DICKSONIA, genus of tree-ferns, XXIII. 534.
- DICKSON'S GLACIER, Spitzbergen, XXII. 408.
- DICOTYLEDONOUS PLANTS, IV. 92.
- DICOTYLEDONS, subclass of plants, XXIV. 131.
- DICOTYLES, genus of ungulate mammals, XVIII. 449; XXII. 775.
- DICTATOR, in the Roman republic, VII. 179.
- DICTIONARY, DICTIONARIES, VII. 179; bibliographical, III. 659; historical and critical (Bayle's), III. 458; Arabic, XVI. 595; English (Johnson's), XIII. 723; English (Webster's), XXIV. 474; French (Furetière's), IX. 839; French (Littre's), XIV. 706; Sanskrit, XXI. 293.
- DICTYONINA, order of sponges, XXII. 422.
- DICTYOPTERA, order of insects, XIII. 152.
- DICTYS CRETENSIS, early Greek historian, VII. 193; on the legends of Troy, XX. 637.
- DICYEMIDA, group of parasites, XVIII. 259; embryology of, XX. 419.
- DIDASCALOCOPHUS, Dalgarno's work, VI. 776.
- DIDELPHIA, subclass of Mammalia, XV. 371, 378.
- DIDELPHYS, genus of marsupial mammals, XV. 380; XVII. 796.
- DIDEMNIDÆ, family of Tunicata, XXIII. 617.
- DIDEROT, Denis, French Encyclopedist, VII. 193; VIII. 197; IX. 666, 668; his connexion with Raynal, XX. 302; his relations with Rousseau, XXI. 25.
- DIDIAN LAW, Roman, XXII. 644.
- DIDIUS JULIANUS, Roman emperor, XXI. 699.
- DIDO, legendary founder of Carthage, VII. 196.
- , Caucasian tribe, XIV. 475.
- AND ÆNEAS, Purcell's opera, XX. 113.
- DIDOT, family of French printers and publishers, VII. 196.
- DIDRON, Adolphe Napoléon, French archæologist, VII. 196.
- DIDUNCULUS, genus of birds, XIX. 420.
- DIDYMIUM, chemical element, V. 542; XIV. 291; spectrum of, XXII. 376.
- DIDYMUS, of Alexandria, ecclesiastical writer, VII. 196.
- DIE, in architecture, II. 463.
- , for stamping medals, VII. 197.
- , town, France, VII. 197.
- DIEBITSCH-SABALKANSKI, Ivan K. F. A., Count, Russian general, VII. 197.
- DIECI DI LIBERTÀ E PACE, state officers, Florence, XV. 146.
- DIEDRICH OF BERN, Legend of, XIII. 674; XVII. 475.
- DIEGO GARCIA, island, Indian Ocean, XV. 642.
- DIEGO RUY'S ISLAND (Rodriguez), Indian Ocean, XX. 619.
- DIEGO SUAREZ, bay, Madagascar, XV. 168.
- DIEKIRCH, town, Luxemburg, XV. 87.
- DIELECTRIC, Faraday's theory of the, VIII. 36.
- DIEPENBECK, Abraham van, Flemish painter, VII. 197.
- DIEPPE, town, France, VII. 198; XXI. 626.
- DIES, Christoph Albert, German painter, VII. 199.
- FESTI, in ancient Rome, IX. 114.
- GENIALES, Alessandri's work, I. 479.
- DIE SINKING, II. 64; VII. 197; Greek, II. 362.
- DIES IRÆ, hymn, XII. 583; XXIII. 308; XXIV. 781.
- DIESPITER (Jupiter), Roman god, XIII. 780.
- DIEST, town, Belgium, VII. 199.
- DIET, German state assembly, VII. 199; X. 463; history of, X. 501, 505, 508, 513; of Augsburg, *q.v.* (1530), V. 414; of Roncaglia (1154), XIII. 472; (1158), XIII. 473; of Worms (1521), V. 414.
- DIETETICS, VII. 200; Lord Combermere's rules of, VI. 181; Plutarch on, XIX. 234; water in, XXIV. 399.
- DIETRICH, Christian Wilhelm Ernst, German painter, VII. 213.
- DIETRICHITE, mineral, XVI. 402.
- DIEZ, Friedrich Christian, German philologist, VII. 214; XX. 668.
- DIFFERENCE, Mental perception of, XX. 49, 80.
- DIFFERENTIAL CALCULUS, XIII. 11, 13.
- DIFFERENTIATION, in biology, XVI. 79.
- , in psychology, XX. 45.
- DIFFRACTION, of light, XXIV. 430, 442, 454.
- DIFFUSION, in physics, VII. 214; of gases, XVI. 617.
- , Psychological, XX. 46.
- DIFFUSIVITY, Thermal, XI. 581, 586.
- DIGAMBARAS, division of the Jains, India, XIII. 544.
- DIGARCHI, town, Tibet, XXIII. 340.
- DIGBY, Sir Kenelm, English physicist, VII. 221.
- DIGENEA, group of trematode worms, XXIII. 539.
- DIGENIS ACRTAS, Exploits of, modern Greek poem, XI. 148, 150.
- DIGEST, of Justinian, XIII. 793; XX. 712.
- DIGESTER, Steam, Papin's, XVIII. 228.
- DIGESTION, VII. 207; XVII. 667.
- DIGESTIVE ORGANS, VII. 221; of Amphibia, I. 762; of birds, III. 725; of fishes, XII. 654; of mammals, XV. 361;

- of reptiles, XX. 457; of trematode worms, XXIII. 536.
- DIGGES, Leonard, his connexion with invention of the telescope, XXIII. 135.
- DIGIT, measure of length, XXIV. 483.
- DIGITALIS, genus of plants, VII. 237.
- DIGITATA, group of chelonian reptiles, XXIII. 457.
- DIGITS, in the skeleton, I. 828; XXII. 118; of mammals, XV. 359.
- DIGNE, town, France, VII. 238.
- , La, island, Seychelles, Indian Ocean, XXI. 725.
- DIGNITY, or Precedence, Order of, XIX. 660.
- DIHANG, or Dihong, river, India and Tibet, II. 718; XXIII. 341.
- DIHYRITE, mineral, XVI. 406.
- DIPOLIA, Greek festival, IV. 531; XXI. 137.
- DIJON, town, France, VII. 238.
- DIKA BUTTER, vegetable fat, XVII. 744, 746.
- DIKA NUT, XVII. 664.
- DIKRAN (Tigranes), Armenian kings, XVIII. 595, 600, 602; XXIII. 386.
- DILAPIDATIONS, in English law, VII. 239.
- DILI, Megali and Mikri (Delos), islands, Greece, VII. 51.
- DILIGENCE, in law, VII. 239; in Scots law, XXIV. 697.
- DILKE, Sir Charles Wentworth, English art organizer, VII. 240.
- DILL, plant, VII. 240; II. 57; XII. 289.
- DILLEN, or Dillenius, Johann Jakob, German botanist, VII. 240.
- DILLINGEN, town, Bavaria, VII. 240.
- DILLON, Wentworth, earl of Roscommon, XX. 850.
- DILUVIAN EPOCH, II. 335.
- DILUVIUM, distinguished from alluvium, I. 589.
- DIMENSIONS, in geometry, VII. 240.
- DIMETHYL, in chemistry, XVI. 194.
- DIMLAH, town, India, XX. 272.
- DIMMA, Book of, Irish MS., XVIII. 158.
- DIMORPHISM, sexual specialization, XXI. 721.
- DIMORPHITE, mineral, XVI. 394.
- DIMORPHODON, genus of fossil reptiles, XX. 87.
- DINA CHARIYAWA, manual of Buddhism, IV. 436.
- DINAJPUR, district and town, India, VII. 241.
- DINAN, town, France, VII. 242.
- DINANDERIE, copper wares of Dinant, Belgium, VII. 242.
- DINANT, town, Belgium, VII. 242; destruction of, by Charles the Bold (1466), V. 424.
- DINAPUR, town, India, VII. 242; XVIII. 409.
- DINARCHUS, Greek orator, VII. 242.
- DINAWARI, Arab historian, XXIII. 3.
- DINDIGAL, town, India, XV. 192.
- DINDINGS, territory and islands, Straits Settlements, Asia, XXII. 586, 587.
- DINGAAN, or Dingane, Zulu chief, XXIII. 518; XXIV. 828.
- DINGISWAYO, Zulu chief, XXIV. 828.
- DINGO, wild dog of Australia, III. 112; VII. 325; XV. 438.
- DINGWALL, town, Scotland, VII. 243; XX. 854.
- DINGY, kind of boat, XXI. 825.
- DINIFERA, order of Protozoa, XIX. 859.
- DINIZ, king of Portugal, XIX. 542, 555.
- DINKEL, delineator of Agassiz's fossils, I. 275.
- DINKELSBÜHL, town, Bavaria, VII. 243.
- DINOCRATES, or Dinochares, Greek architect, VII. 243.
- DINOFLAGELLATA, class of Protozoa, XIX. 859.
- DINOMYIDÆ, family of rodent mammals, XV. 420.
- DINOPHIDÆ, family of snakes, XXII. 193, 197.
- DINORNIS, genus of extinct birds, VII. 243; III. 731.
- DINOSAURIA, order of fossil reptiles, XX. 442.
- DINOTHERIUM, extinct ungulate mammal, VII. 244; XV. 425.
- DIN-TIR, name for Babylon, III. 182.
- DIocese, VII. 244; III. 787.
- DIOCLES, of Carystus, on anatomy, I. 801.
- , Syracusan demagogue, XXII. 815.
- DIOCLETIAN, Roman emperor, VII. 244; XX. 777; baths of, at Rome, III. 436; palace of, at Spalato, Dalmatia, XXII. 366.
- , Era of, V. 716.
- DIODATI, Charles, friend of Milton, XVI. 324.
- , Giovanni, Swiss Reformed theologian, VII. 245.
- DIODON, genus of fishes, X. 685.
- DIODORUS SICULUS, Greek historian, VII. 245.
- DIOECISM, in plants, XX. 428.
- DIODENES, Greek Cynic philosopher, VII. 245.
- (Romanus IV.), Roman emperor, XX. 730.
- of Apollonia, Greek physicist, VII. 245.
- of Seleucia, Stoic philosopher, XXII. 570.
- , Antonius, Greek novelist, XX. 634.
- LAERTIUS, Greek writer, VII. 246; on Aristotle's works, II. 513.
- DIOLAS, people, Senegambia, West Africa, XXI. 662.
- DIOMEDEA, genus of birds, I. 449; XV. 334.
- DIOMEDES, of Greek legend, VII. 246.
- DION, tyrant of Syracuse, VII. 246; XXII. 19, 816.
- DIONÆA MUSCIPULA, insectivorous plant, XIII. 136.
- DION CASSIUS COCCEIANUS, historian of Rome, VII. 246.
- DION CHRYSOSTOM, Greek writer, VII. 247; XX. 634; on Indian epic poetry, XXI. 281.
- DIONIS, Peter, his lectures on anatomy, I. 811.
- DIONYSIA, Greek festivals, VII. 247.
- DIONYSIACA, poem of Nonnus, XVII. 533.
- DIONYSIAC RITES, Phrygia, XVII. 839; XVIII. 853.
- DIONYSIAN PERIOD, in the calendar, IV. 670.
- DIONYSIUS, St (Denis), patron saint of France, VII. 79; XVIII. 286.
- , the Areopagite, VII. 248; his work on mysticism, XVII. 131; on the heavenly hierarchy, XI. 792.
- , the Elder, tyrant of Syracuse, VII. 247; XXII. 18, 815; coins of, XVII. 638.
- , the Younger, tyrant of Syracuse, VII. 247; XXII. 19, 816.
- of Halicarnassus, Greek writer, VII. 247; XI. 144.
- of Tell-Mahre, Syriac writer, XXII. 845.
- BAR SALIBI, Syriac writer, XXII. 851.
- EXIGUUS, chronologist, VII. 248; XIX. 492; his collection of the canons, V. 16.
- PERIEGETES, Greek geographical writer, VII. 248.
- THRAX, Roman grammarian, XI. 37.
- DIONYSUS, Greek divinity (the Roman Bacchus), VII. 248; XVII. 128; orgies of, XVII. 839.
- DIOPHANTUS, Greek writer on algebra, I. 511; on porisms, XIX. 520.
- DIOPSIDE, mineral, XVI. 416.
- DIOPTRIC, unit for measurement of lenses, XXII. 373.
- DIOPTRICS, Descartes's treatise on, VII. 125.
- DIOPTRIC SYSTEM, for lighthouses, XIV. 619.
- DIORITE, rock, X. 235.
- DIOSCOREA, genus of plants, XXIV. 727.
- DIOSCORIDES, Greek writer on materia medica, II. 79; MS. of his work, XVIII. 147.
- , island, Indian Ocean, XXII. 231.
- DIOSCURI (Castor and Pollux), in Greek legend, V. 199.
- DIOSCURIAS (Iskuriyah), ancient Greek colony, Caucasus, XVI. 437.
- DIOSCURIDES, Greek gem-engraver, X. 140.
- DIOSPOLIS, Palestine, Synod of, on Pelagianism, XVIII. 472.
- MAGNA (Thebes), ancient town, Egypt, VII. 776.

- DIOSPYROS, genus of trees, VII. 619; XVIII. 661.
- DIP, of rocks, X. 298.
- , Magnetic, XV. 221, 227.
- CIRCLE, magnetic instrument, XVI. 159.
- DIPHANITE, mineral, XVI. 413.
- DIPHTHERIA, disease, VII. 249.
- DIPHTHONGS, Pronunciation of, XXII. 382.
- DIPHYLLA ECAUDATA, blood-sucking bat, XXIV. 52.
- DIPHYLLIDÆ, family of tapeworms, XXIII. 54.
- DIPLOMA, Ancient forms of, VII. 254.
- DIPLOMACY, VII. 251; I. 658.
- DIPLOMATIC PRECEDENCE, XIII. 193; XIX. 667.
- DIPLOMATICS, science dealing with ancient documents, VII. 253.
- DIPLOPODA, order of Myriapoda, XVII. 118.
- DIPLOPTERA, group of insects, XXIV. 391.
- DIPLOMIDÆ, family of Tunicata, XXIII. 617.
- DIPLOZON PARADOXUM, species of trematode worms, XXIII. 539.
- DIPNOI, suborder of fishes, XII. 686; XIV. 468; in Lankester's classification, XXIV. 812.
- DIPODIDÆ, subfamily of rodent mammals, XV. 419.
- DIPPEL, Johann Conrad, German theologian and alchemist, VII. 255.
- DIPPEL'S ANIMAL OIL, or Bone Naphtha, XVII. 175.
- DIPPER, bird, XVIII. 75.
- DIPROTODON, fossil marsupial mammal, XV. 383; XX. 172.
- DIPSADIDÆ, family of snakes, XXII. 193.
- DIPSOMANIA, alcoholic insanity, XIII. 102, 109.
- DIPTERA, order of insects, VII. 255; XIII. 150; mimicry in, XVI. 343.
- DIPTERIX, genus of trees, XXIII. 443.
- DIPTEROS, in architecture, II. 463.
- DIPTYCH, Roman writing tablet, VII. 257; XVIII. 143.
- DIPUS, genus of rodent mammals, XIII. 626; XV. 419.
- DIRÆ, the Furies, in Roman mythology, IX. 840.
- DIRCE, in Greek legend, VII. 257.
- DIRCEU (T. A. Gonzaga), Portuguese poet, X. 772.
- DIRCKS, Henry, on perpetual motion, XVIII. 554.
- DIRCKS'S GHOST, optical illusion, XIV. 587.
- DIRECT-ACTING ENGINES, XXII. 512, 514.
- DIRECTORY, The French, IX. 608.
- OF PUBLIC WORSHIP, Scottish, XIV. 711; IX. 746.
- DIRHEM, Arab coin, XVII. 654.
- DIRK I.-VII., counts of Holland, XII. 71.
- DIRSCHAU, town, Prussia, VII. 257.
- DIS, Roman god (the Greek Pluto), XIX. 236.
- DISABILITIES, Roman Catholic, in England, XX. 632.
- DISAPPOINTMENT, Psychological analysis of, XX. 70.
- DISCHARGE, Soldier's, in British army, II. 575.
- DISCINIDÆ, family of Brachiopoda, IV. 194.
- DISCIPLINE, Church, VIII. 800; XVIII. 485.
- , First Book of, in Scottish Church, XIX. 681; XIV. 132; XXI. 503; Second Book of, XIX. 681; XXI. 503.
- , Military, XXIV. 353.
- DISCOBOLUS, statue by Myron, XVII. 120.
- DISCOMEDUSÆ, order of Hydrozoa, XII. 556.
- DISCOMYCETES, suborder of Fungi, IX. 833; XXIV. 127; parasitic forms, XVIII. 267.
- DISCOPHORA, order of Annelida, II. 69.
- DISCORDIA, in Greek mythology, VIII. 524.
- DISCORDS, Musical, XVII. 82.
- DISCORSI, Machiavelli's treatise, XV. 149.
- DISCOUNT, in commerce, calculation of, II. 536; rates of, from 1694 to 1845, III. 330.
- AGENCIES, III. 328.
- DISCOURSE OF METHOD, Descartes's, VII. 119.
- DISCOURSES UPON TRADE, by Sir Dudley North, XVII. 554.
- DISCOVERIES, Remarkable, in chronological table, V. 720.
- DISCOVERY, Geographical, X. 175.
- DISCRASITE, mineral, XVI. 392.
- DISCUS, Greek quoit, VII. 258.
- DISEASE, defined, XV. 794; science of (pathology), XVIII. 361; germ theory of, XXI. 400, 407; homœopathic theory of, XII. 126; as attributed to demons, VII. 61; due to parasites, XVIII. 269; prevention of, XII. 568.
- DISEASED MEAT, XV. 782.
- DISGRAZIA, Monte della, North Italy, XXIV. 45.
- DISINFECTANTS, VII. 258; II. 136; IV. 361; XII. 569.
- DISLOCATION, in surgery, VII. 258.
- DISMAL SWAMP, United States, VII. 259.
- DISNA, town, Russia, XXIV. 234.
- DISPENSARIES, Provident, XII. 305.
- DISPENSATION, relaxation of law, VII. 259.
- DISPERSION, The, of the Jews, XIII. 420, 429.
- OF LIGHT, XIV. 592, 601.
- DISPLACEMENT, Dynamical, VII. 581; law of, in ships, XXI. 812.
- DISPUTATIONS, Academic, VIII. 777.
- DISRAELI, Benjamin (Lord Beaconsfield), English statesman, VIII. 367.
- D'ISRAELI, Isaac, English writer, VII. 259.
- DISRUPTION, The, of the Church of Scotland, V. 377; IX. 742; XXI. 538.
- DISS, town, England, XVII. 536.
- DISSOCIATION, Chemical, Deville's work on, V. 475; XXI. 166.
- DISSOLVING VIEWS, with magic lanterns, XV. 213.
- DISSONANCE, Intervals of, in music, XVII. 105.
- DISTAFF, for spinning, XIV. 664.
- DISTEARIN, in chemistry, X. 697.
- DISTEMPER, disease in dogs, XXIV. 205.
- , or Tempera, method of painting, XXIII. 157; XVII. 39.
- DISTHENE, mineral, XVI. 408.
- DISTILLATION, VII. 260; of spirits, VII. 264; of spirits, in Ireland, XIII. 233; of sulphur, XXII. 635; of wood and coal, XXIII. 57.
- DISTOECHURUS, genus of marsupial mammals, XVIII. 729.
- DISTOMA HÆMATOBIUM, trematode worm, XVIII. 271.
- DISTOMIDÆ, family of trematodes, XXIII. 539.
- , family of Tunicata, XXIII. 617.
- DISTRAINT, Law of, VII. 266; its effects on agriculture, I. 407.
- DISTRESS, Law of, VII. 266; XIV. 274, 276; XX. 402.
- DISTRIBUTING, of types, XXIII. 701.
- DISTRIBUTION, of animals, VII. 267; III. 684; of fishes, XII. 668; of mammals, XV. 373; of reptiles, XX. 465; of sponges, XXII. 427; of plants, VII. 286; III. 684.
- DISTRIBUTIONS, Statute of, XIII. 197.
- DISTRIBUTOR, Manure, agricultural implement, I. 321.
- DISTRICT OF COLUMBIA, U.S.A., VI. 168; XXIV. 382; population, XXIII. 802.
- DITCHLING BEACON, Sussex, England, XXII. 723.
- DITHIONIC ACID, V. 507.
- DITHMARSCHEN, or Ditmarsh, district, Holstein, VII. 291; XXI. 415.
- DITHYRAMBIC VERSE, Invention of, II. 502.
- DITMARSH, district, Holstein, VII. 291; XXI. 415.
- DITTON, Humphry, English mathematician, VII. 291.
- DIU, island and seaport, India, VII. 291.
- DIURETICS, in medicine, VII. 291.
- DIURNATION, day-sleep, of bats, XI. 788.
- DIVAN, or Diwan, Eastern Government office, VII. 292; XVI. 589, 591.
- , The, Hafiz's poem, XI. 367.

DIVER, bird, VII. 292.
 DIVERSIONS OF PURLEY, Horne Tooke's treatise, XXIII. 445.
 DIVES, river, France, XVIII. 1.
 DIVIDIVI, astringent pods, VII. 292; XIV. 382.
 DIVINA COMMEDIA, Dante's, VI. 815; XIII. 503.
 DIVINATION, revelation by omens, VII. 293; II. 204; XV. 199; its connexion with ordeals, XVII. 819; in relation to priesthood, XIX. 725; Stoic doctrine of, XXII. 570; ancient Roman, III. 72; XI. 500; in Lapland, XIV. 307.
 DIVINE, The, Names expressive of, XXIII. 235.
 — DIALOGUES, Henry More's, XVI. 815.
 — RIGHT, of kings, XIX. 672; Filmer's theory of, IX. 166.
 DIVING, VII. 294; XXII. 771.
 — BELL, VII. 294.
 DIVINING ROD, VII. 293; XI. 549.
 DIVISION, in algebra, I. 524; in arithmetic, II. 528.
 —, in logic, XIV. 785.
 DIVISORS, Tables of, XXIII. 7.
 DIVODURUM (Metz), ancient town, France, XVI. 204.
 DIVONA (Cahors), ancient town, France, IV. 642.
 DIVORCE, Law of, VII. 300; in New Hampshire, U.S.A., XVII. 392; Milton on, XVI. 329.
 DIVUS JULIUS, Temple of, at Rome, XX. 818.
 DIWALGIRI, or Dhawalagiri, mountain, Himalayas, XVII. 340.
 DIWAN, or Divan, VII. 292; XVI. 589, 591.
 DIXCOVE, settlement, West Africa, X. 755.
 DIXMERIE, Nicolas Bricaire de la, French writer, XIV. 198.
 DIXON, George, English navigator, VII. 305.
 —, Jeremiah, English astronomer, XV. 611.
 DIZ, or Dizful, river, Persia, XV. 68; XVIII. 620.
 DIZFUL, town, Persia, VII. 305; XVIII. 627.
 DJEBAIL (Jebeil), ancient town, Syria, XIII. 613.
 DJEDDAH (Jiddah), town, Arabia, XIII. 691; XX. 316.
 DJERNANG, resin, VII. 389.
 DJIDDAH (Jiddah), town, Arabia, XIII. 691; XX. 316.
 DJILOLO (Jilolo), island, Indian Archipelago, XIII. 692.
 DJOUN, Syria, Lady Hester Stanhope's villa at, XXII. 450.
 DJUSTENDIL (Kostendil), town, Bulgaria, Turkey, XIV. 143.
 DLUGOSZ, Jan, Polish historian, XIX. 300.

DMITRI (Demetrius), The False, Russian pretender, XIX. 294; XXI. 94, 108.
 — DONSKOI, prince of Moscow, XXI. 91.
 — IVANOVICH, prince of Russia, assassination of, XXI. 93.
 DMITRIEFF, Ivan Ivanovitch, Russian statesman and poet, VII. 305; XXI. 106.
 DMITROFF, town, Russia, VII. 305.
 DMITROVSK, town, Russia, VII. 306; XVII. 826.
 DNIEPER, river, Russia, VII. 306; XXI. 73, 575; XXII. 183; its mouth, XVII. 724.
 DNIESTER, river, Russia, VII. 306; III. 615; XIX. 254; XXI. 73; its mouth, XVII. 724; in Austria, III. 116.
 DOAB, Indian geographical term, VII. 307; XX. 107; of Jalandhar, XIII. 545.
 DOANE, Bishop G. W., American hymn-writer, XII. 596.
 DOBBERAN, or Doberan, town, Germany, VII. 308.
 DOBBO, town, Aru Islands, Indian Archipelago, II. 670.
 DOBELL, Sydney, English poet, VII. 307; his relations with Alexander Smith, XXII. 172.
 DÖBELN, town, Saxony, VII. 308.
 DOBERAN, town, Germany, VII. 308.
 DÖBLER, Louis, German conjuror, XV. 209.
 DÖBRENTÉ, Gabor, Hungarian philologist, VII. 308.
 DOBRIZHOFFER, Martin, Roman Catholic missionary, VII. 308; his history of the Abipones, I. 50; VI. 138; on mythology, XVII. 145.
 DOBROWSKY, or Dobrovsky, Joseph, Slavonic philologist, VII. 308; XXII. 152.
 DOBRUDJA, or Dobrudscha, district and province, Roumania, VII. 309; XXI. 14, 21; XXIII. 653.
 DOBSCHAU, or Dobsina, town, Hungary, VII. 309.
 DOBSON, William, English painter, VII. 309.
 DOBUNI, ancient people, England, XVIII. 94.
 DOCETÆ, heretics in early church, VII. 309.
 DOCHMIUS, genus of nematode worms, XVII. 325.
 DOCIMIA, Turkey in Asia, Marble quarries of, XIV. 2.
 DOCK, plant, VII. 309.
 DOCKS, for ships, XI. 465; of London, XIV. 831.
 DOCKWRA, William, founder of London penny post, XIX. 565.
 DOCKYARDS, Naval, VII. 310; at Portsmouth, XIX. 535.
 DOCMAC, fish, XXII. 68.
 DOCTOR, title, VII. 319.
 — FAUSTUS, Marlowe's, XV. 556.
 DOCTORS' COMMONS, VII. 319.

DOCTRINAIRES, French political party, VII. 319; XI. 269.
 DODABETTA, mountain, India, XV. 184; XVII. 509.
 DODD, Dr William, English divine, VII. 319.
 DODDER, parasitic plant, VII. 319; XVIII. 264.
 DODDRIDGE, Philip, English Nonconformist divine, VII. 320; hymns by, XII. 593.
 DODECAHEDRON, in geometry, X. 388; crystals, XVI. 348, 351.
 DODECASTYLE, in architecture, II. 463.
 DÖDERLEIN, Johann Christoph, German philologist, VII. 320.
 DODO, extinct bird, VII. 321; III. 732; XV. 641.
 DODONA, Temple of, Greece, VII. 322.
 DODSLEY, Robert, English writer and bookseller, VII. 323.
 DODWELL, Edward, English antiquary, VII. 323.
 —, Henry, English controversialist, VII. 323; on deism, VII. 35.
 DOE, John, and Richard Roe, in law, VII. 792.
 DOES, Jan van der (Dousa), Dutch statesman and poet, VII. 378.
 DOG, DOGS, VII. 324; XV. 355, 437; Arabian, II. 243; Egyptian, VII. 712; tailless breeds, IV. 248; wild, of India, XII. 741; diseases of, XXIV. 205, 206; rabies in, XII. 546; XX. 199.
 DOGE, ruler of Venice, VII. 331; XIII. 479; XXIV. 141.
 —, ruler of Genoa, VII. 332.
 DOG-FISH, species of sharks, VII. 332; XII. 685; XXI. 774; organs of touch in, XXIII. 478; of British Columbia, VI. 170.
 DOGGER BANK, North Sea, XVII. 563; fisheries of, IX. 249.
 DOGMATIC, in theology, VII. 332; of Origen, XVII. 841; of Theodoret, XXIII. 256.
 DOGRA, Punjab tribe, India, XX. 110.
 DOG'S GROTT, Naples, Italy, XXIV. 399.
 DOG TICK, arachnid, XVI. 529.
 DOG-TOOTH, in architecture, II. 463.
 DOGWOOD, plant, VII. 342.
 DOHNA, Christoph von, his letters on Sarpi, XXI. 312.
 DOHRN, Anton, German naturalist, XXIV. 183; his doctrine of animal degeneration, XXIV. 811.
 DOKTHOL, region, Tibet, XXIII. 340.
 DOL, town, France, VII. 342.
 DOLABELLA, Publius Cornelius, Roman general, VII. 343.
 DOLANOR, town, Mongolia, XIV. 230.
 DOLBEAR, Prof., his condenser telephone, XXIII. 129.
 DOLCE, Luigi, Italian writer, VII. 343.
 DOLCI, Carlo, Italian painter, VII. 343.

- DOLCINISTS, or Apostolici, Christian sect, II. 198.
- DOLCINO, Fra, leader of the Dolcinists, II. 198.
- DOLCOATH MINE, Cornwall, England, XVI. 452.
- DÔLE, town, France, VII. 344.
- , mountain, Switzerland, XIII. 781.
- DOLET, Étienne, French scholar and printer, VII. 344.
- DOLGELLY, town, Wales, VII. 345.
- DOLGORUKI, Alexis, Russian prince, XXI. 98.
- , George, prince of Suzdal, Russia, XXI. 89.
- DOLIOLUM, genus of Tunicata, XXIII. 609, 615.
- DOLLAR LAW, mountain, Scotland, XVIII. 451.
- DOLLART ZEE, North Sea, XVII. 563.
- DÖLLINGER, Johann J. I., leader of the Old Catholics, XVII. 754.
- DOLLOND, John, English optician, VII. 345; his double-image micrometer, XVI. 250; his object-glasses for telescopes, XXIII. 138, 142.
- DOLMENS, stone monuments, II. 383; XXI. 52; at Carnac, France, v. 118.
- DOLOMIEU, Déodat G. S. T. Gratet de, French mineralogist, VII. 345.
- DOLOMITE, mineral, x. 228, 232; xv. 217; XVI. 397; in the Alps, I. 630.
- DOLOPES, ancient inhabitants of Seyros, Greece, XXI. 574.
- DOLORIDA, De Vigny's poem, XXIV. 226.
- DOLPHIN (Delphinus, etc.), cetacean mammal, VII. 346; xv. 352, 392, 399; XIX. 521; distribution of, VII. 280.
- (Coryphæna), fish, VII. 346; XII. 690.
- , in Greek mythology, II. 502.
- RISE, elevation in Atlantic, III. 17.
- DOM, mountain, Switzerland, XXIV. 31.
- , or Domberg, part of Reval, Russia, XX. 495.
- DOMAIRI (Damiri), Arabian naturalist, VI. 794; XVI. 597.
- DOMAT, Jean, French juriconsult, VII. 346.
- DOMBROWSKI, Jan Henryk, Polish general, VII. 347.
- DOME, in architecture, VII. 347; introduction of, into Italy, II. 435.
- DOME-BOC, King Alfred's register, VII. 350.
- DÔME MOUNTAINS, France, XX. 119.
- DOMENICHINO, or Domenico, Zampieri, Italian painter, VII. 348; XX. 396.
- DOMENICO BIGORDI, Italian painter, x. 567.
- DOMENICO BUONVICINI, Fra, disciple of Savonarola, XXI. 337.
- DOME OF THE ROCK, Jerusalem, XXI. 671.
- DOMESDAY BOOK, VII. 349; VIII. 294.
- DOMESTICATION, of animals, I. 84; XXIV. 78; its influence on breeding, IV. 248; on instinct, XIII. 159; of plants, IV. 248; XXIV. 78.
- DOMESTIC SERVANTS, in United States, XXIII. 822.
- DOMETT, variety of flannel, IX. 292.
- DOMEYKITE, mineral, XVI. 393.
- DOMICILE, in law, VII. 351; XIII. 191; as affecting marriage, VII. 305.
- DOMINIC, St, founder of Dominican order, VII. 353; XVI. 710; as inquisitor, XIII. 92.
- DOMINICA, island, West Indies, VII. 354; population, XXIV. 510.
- DOMINICAL LETTER, in the calendar, IV. 669.
- DOMINICAN REPUBLIC, West Indies, II. 546.
- DOMINICANS, mendicant order of monks, VII. 354; XVI. 710; their connexion with the Inquisition, XIII. 93.
- DOMINION, Arms of, in heraldry, XI. 688.
- OF CANADA, IV. 765.
- DOMINIQUE (Dominica), island, West Indies, VII. 354.
- DOMINIS, Marc Antonio de, Italian theologian and man of science, VII. 355.
- DOMINUS AC REDEMPTOR, brief suppressing the Jesuits, XIII. 655.
- DOMITIAN, Roman emperor, VII. 355; XX. 773; Statius's praise of, XXII. 467.
- DOMOSTROI, early Russian work, XXI. 104.
- DOMPO, state, Sumbawa, Indian Archipelago, XXII. 641.
- DON, river, Russia, VII. 356; XXI. 74; mouth of, XX. 862; Cossacks of the, VI. 449.
- DONAGHADEE, town, Ireland, VII. 357.
- DONALD I.-II., kings of Scotland, XXI. 478.
- BAIN, king of Scotland, XXI. 481.
- DONALDSON, James, on husbandry, I. 300.
- , John William, English philologist, VII. 357.
- DONATELLO, Italian sculptor and painter, VII. 358; XXI. 568.
- DONATI, Giovanni Battista, Italian astronomer, VII. 359; his comet, II. 815.
- DONATIO MORTIS CAUSA, in law, XXIV. 573.
- DONATISTS, early Christian sect, VII. 359; Augustine's relations with, III. 77.
- DONATUS, bishop of Casæ Nigræ, VII. 359.
- , Ælius, Roman grammarian and rhetorician, VII. 360; XX. 726.
- MAGNUS, bishop of Carthage, VII. 359.
- DONAU (Danube, *q.v.*), river of Europe, VI. 819.
- DONAUFÜRT, town, Bavaria, VII. 360.
- DON CARLOS, Schiller's drama, XXI. 396.
- DONCASTER, town, England, VII. 361; population, XXIV. 748; horse-racing at, XII. 201.
- DON COSSACK COUNTRY, Russia, VII. 356; VI. 449; XXI. 69.
- DONDUK OMBO, Mongol ruler, XVI. 745.
- DONEGAL, county, Ireland, VII. 361; population and representation, XXIII. 727; town, VII. 361.
- DONETZ, river, Russia, VII. 356; XXI. 74.
- DONGALA, district, Celebes, v. 290.
- DONGAN, Thomas, governor, New York, XVII. 455.
- DON GIOVANNI, Mozart's opera, VII. 357; XVII. 11.
- DONGO (Angola), district, West Africa, II. 45.
- DONGOLA, town, Egypt, VII. 363.
- DONGOLAWI, people, Nubia, XVII. 612.
- DONIZETTI, Gaetano, Italian musical composer, VII. 363; XVII. 99.
- DONJON, in architecture, II. 464, 466.
- DON JUAN, of European legend, VII. 357.
- DON JUAN, Molière's play, XVI. 628.
- DONKOLA (Dongola), town, Egypt, VII. 363.
- DONNE, John, English poet and divine, VII. 364.
- DONNER, Lake, Nevada, U.S.A., XVII. 367.
- DONNIER, Colonel, French officer in Tong-King, XXIII. 442.
- DÖNNIGES, Helene von, her relations with Lassalle, XIV. 321.
- DONNYBROOK, village, Ireland, VII. 495.
- DONOVAN, Edward, English naturalist, VII. 365; on British birds, XVIII. 9.
- DON PASQUALE, Donizetti's opera, VII. 364.
- DON QUIXOTE, of Cervantes, v. 352; XXII. 358.
- DOOLIN OF MAYENCE, romance, XX. 652.
- DOOM (or DOUM) PALM, of Arabia, II. 237; XVIII. 190.
- DOONDIAH, Indian chieftain, XXIV. 494.
- DOON OF MAYENCE, romance, XX. 652.
- DOOPSGEZINDEN (Mennonites), Dutch religious sect, XVI. 12.
- DOOR, in joinery, IV. 491.
- DOORKEEPERS (Ostarii), in orders of Roman Catholic Church, XVII. 820.
- DOPPLERITE, mineral, XVI. 429.
- DÖPPLER'S PRINCIPLE, of wave-movements, XIV. 614; as applied to radiation, XX. 216.
- DORA BALTEA, river, Italy, XIII. 435.
- DORA RIPARIA, river, Italy, XIII. 435.
- DORAS, genus of fishes, XXII. 68.
- DORAT, or Daurat, Jean, French poet and scholar, VI. 835; XX. 84; XXI. 363.
- DORCHESTER, town, England, VII. 365.
- , town, New Brunswick, XVII. 375.

- DORCOPSIS, genus of marsupial mammals, XIII. 840.
- DORDOGNE, department and river, France, VII. 365.
- DORDRECHT (Dort, *q.v.*), town, Holland, VII. 373.
- DORE, Monts, mountains, France, XX. 119.
- DORIA, Andrea, Genoese admiral, VII. 366; X. 157.
- , Lamba, Genoese admiral, XIX. 406.
- DORIAN LAWS, XV. 95.
- DORIANS, people, ancient Greece, VII. 366; XI. 90, 92.
- DORIC DIALECT, of Greek, XI. 133.
- DORIC ORDER, of architecture, II. 403, 409; Roman Doric, II. 418.
- DORIDIDÆ, family of Mollusca, XVI. 655.
- DORIS, district, ancient Greece, VII. 368.
- , genus of Mollusca, XVI. 657.
- DORKING, town, England, VII. 368; XXII. 694.
- FOWLS, I. 401; XIX. 645.
- DORLÉANS, Louis, French poet, VII. 368.
- DORMER WINDOW, in architecture, II. 463.
- DORMITOR, mountain, Montenegro, XVI. 780.
- DORMITORY, in architecture, II. 463.
- DORMOUSE, rodent mammal, VII. 368; XV. 418; hibernation of, XI. 788.
- DORNBIRN, or Dornbühren, town, Austria, VII. 368.
- DORNOCH, town, Scotland, XXII. 727.
- DOROG, Hajdu, town, Hungary, XI. 377.
- DOROGOBUSH, or Dorogobuzh, town, Russia, VII. 369; XXII. 183.
- DOROGOI, or Dorohoi, town, Roumania, VII. 369.
- DOROTHEUS, Roman jurist, VII. 369; XIII. 794.
- , bishop of Marcianopolis, his relations with Nestorianism, XVII. 353.
- DORP, town, Prussia, VII. 369.
- DORPAT, or Dörpt, town, Russia, VII. 369; observatory at, XVII. 714; observatory telescope, XXIII. 148; university, XXIII. 845.
- DORRINGTON, Theophilus, hymns by, XII. 592.
- DORSAL VERTEBRÆ, Anatomy of the, I. 821.
- D'ORSAY, Count, French savant, VII. 369.
- DORSET, county, England, VII. 370; population and representation, XXIII. 727.
- , First Earl of, English poet, VII. 372.
- , Sixth Earl of, English politician and poet, VII. 373.
- SHEEP, I. 392.
- DORSIBRANCHS, section of Annelida, II. 66.
- DORT, town, Holland, VII. 373; synod of (1578), XIX. 696; synod of (1618), VII. 374; XII. 78.
- DORTMUND, town, Germany, VII. 374.
- DORY, or John Dory, fish, VII. 374.
- DORYLÆUM, Phrygia, Battle of (1097), VI. 625.
- DORYLAUS, ancestor of Strabo, XXII. 580.
- DOST MOHAMMED, Afghan ruler, I. 240.
- DOSTOIEVSKI, Feodor M., Russian writer, XXI. 108.
- DOUAI, town, France, VII. 375; college at, I. 441.
- DOUANY, town, Comoro Islands, Africa, VI. 221.
- DOUARNENEZ, town, France, VII. 375.
- DOUAY, or Douai, town, France, VII. 375; college at, I. 441.
- DOUBLE BASS VIOL, XXIV. 243, 245.
- DOUBLEDAY, Thomas, English writer, VII. 375.
- DOUBLE ENTRY, in book-keeping, IV. 45.
- DOUBLET AND HOSE, mediæval dress, VI. 468.
- DOUBLET DE PERSAN, Madame, French journalist, XVII. 425.
- DOUBS, department, France, VII. 375; river, XIII. 782; XX. 528.
- DOUCE, Francis, English antiquary, VII. 376.
- HILL, Wicklow, Ireland, XXIV. 557.
- DOUCHE BATHS, III. 439.
- DOUGLAS, town, Isle of Man, VII. 376; XV. 453.
- , knight of Liddesdale, XXI. 489.
- , Earls of, XXI. 490, 491, 493.
- , Gawain, or Gavin, Scottish poet, VII. 376.
- , George, favourite of Mary, queen of Scots, XV. 599.
- , James, fourth earl of Morton, regent of Scotland, XVI. 849; XXI. 506.
- , James, second duke of Queensberry, XX. 170.
- , Stephen Arnold, American statesman, VII. 377; XXIII. 772.
- , Sir William, Scottish chief, XXI. 487.
- , The Tragedy of, Home's drama, XII. 108.
- SPRUCE, tree, IX. 224.
- DOUM PALM, of Arabia, II. 237; XVIII. 190.
- DOUNE CASTLE, Perthshire, Scotland, XVIII. 667.
- DOUR, town, Belgium, VII. 378.
- DOURDAN, town, France, XXI. 625.
- DOURO, river, Spain and Portugal, XXII. 295; mouth of, XVII. 795.
- DOUSA, or Douza, Janus (Van der Does), Dutch statesman and poet, VII. 378; XXIII. 850.
- DOUVILLE, Jean Baptiste, French traveller, VII. 378.
- DOUW, Gerhard, Flemish painter, VII. 379.
- DOUX, river, France, XX. 528.
- DOVE, bird, VII. 379; XIX. 84, 647.
- , Heinrich W., his syren, I. 109.
- DOVER, town, England, VII. 380; XIV. 39; treaty of (1670), IX. 576.
- , town, Delaware, U.S.A., VII. 381.
- , town, New Hampshire, U.S.A., VII. 381; XVII. 392.
- , Lord, English writer, VII. 381.
- CASTLE, Kent, England, V. 198.
- STRAITS, Proposed tunnelling of, XXIII. 623.
- DOVRE FJELD, mountains, Norway, XVII. 575.
- DOW, or Douw, Gerhard, Flemish painter, VII. 379.
- , Lorenzo, American preacher, VII. 381.
- DOWALTON, Wigtown, Scotland, Crannogs of, VI. 552; XXIV. 563.
- DOWLAIS IRON WORKS, Wales, Blowing engine at, III. 550.
- DOWLETABAD, town and fortress, India, VII. 381.
- DOWN, county, Ireland, VII. 382; population and representation, XXIII. 727.
- DOWNHAM MARKET, town, England, XVII. 536.
- DOWNING COLLEGE, Cambridge, IV. 731.
- DOWNING STREET, London, XIV. 839.
- DOWNPATRICK, town, Ireland, VII. 383.
- CASTLE, Mayo, Ireland, XV. 651.
- DOWNES, Sussex, England, XXII. 723.
- DOWN SURVEY OF IRISH LANDS, Sir William Petty's book, XVIII. 724.
- DOXOLOGY, VII. 384.
- DOXOPATER, Johannes, Greek rhetorician, XI. 147.
- DOYEN, Gabriel François, French painter, VII. 384.
- DOYLE, John, English caricaturist, V. 105.
- , Richard, English caricaturist, V. 105.
- DRACÆNA, stove plant, XII. 266.
- DRACHM, Greek money, XVII. 631.
- , or Drachma, weight, XXIV. 487.
- DRACO, Athenian legislator, VII. 384; XI. 96.
- DRACONTIASIS, disease, XVIII. 271.
- DRAGMASTRA NORMANI, species of sponges, XXII. 418.
- DRAGOMANS, interpreters, Greek, at Constantinople, XI. 124.
- DRAGON, fabulous monster, VII. 385.
- , in heraldry, XI. 701.
- , lizard, VII. 385; XIV. 736.
- FLY, insect, VII. 385; XIII. 152.
- DRAGONADES, persecution of Protestants in France, XV. 27, 305.
- DRAGON'S BLOOD, resin, VII. 389; XVIII. 191.
- DRAGOONS, cavalry, V. 262.
- DRAGOSH, traditional founder of Moldavia, XXI. 18.

- DRAGUIGNAN, town, France, VII. 389; population, XXIV. 69.
- DRAINAGE, for sewage, XXI. 713; in London, XIV. 826; in Paris, XVIII. 280; of houses, IV. 467; XXI. 714.
- , of mines, XVI. 457.
- ACTS, Agricultural, England, I. 334.
- DRAINING, in agriculture, I. 328; in relation to manuring, XV. 508; of the Fens, England, III. 482; XIV. 653; of Haarlem Meer, Holland, XI. 356; of Lake Celano, Italy, V. 286; imple-
ments for, I. 333.
- DRAINS, for houses, IV. 467; XXI. 714.
- , Open, in hill pastures, I. 402.
- DRAKE, Sir Francis, English admiral and navigator, VII. 389; X. 184; his astrolabe, XVII. 252.
- , Friedrich, German sculptor, XXI. 566.
- DRAKENBERG, mountains, South Africa, XVII. 240; XXIII. 517.
- DRAKENBORCH, Arnold, Dutch scholar and editor, VII. 390.
- DRAMA, VII. 391; censorship of, XXIII. 427; the lyrical, music of, XVII. 86; modern theatres, XXIII. 224; pantomime, XVIII. 215; English, VIII. 419; in time of Shakespeare, XXI. 759, 761; its place and influence in English literature, VIII. 416; French, IX. 644; in time of Corneille, VI. 420; of Molière, XVI. 625; of Racine, XX. 205; Greek, XI. 140; Indian, XXI. 284; Italian, XIII. 506; Persian, XVIII. 660; Polish, XIX. 303; Portuguese, XIX. 556; Pro-
vengal, XIX. 876; Spanish, XXII. 356, 358; Swedish, XXII. 754, 756.
- DRAMATIC POETRY, XIX. 264.
- DRAMATIS PERSONÆ, VII. 394.
- DRAMBURG, town, Prussia, VII. 444.
- DRAMMEN, town, Norway, VII. 444; XVII. 582.
- DRAMS ELV, river, Norway, XVII. 575.
- DRANCE, river, Switzerland, XX. 527.
- DRANGIANA (Sistan), district, Persia, XVIII. 586; XXII. 101.
- DRAPER, Henry, his observatory, at Hastings, New York, U.S.A., XVII. 715.
- DRAPIER'S LETTERS, by Swift, XXII. 766.
- DRAUGHTS, game, VII. 444.
- DRAVIDA, South-Indian peoples, XXIII. 41.
- DAVIDIAN LANGUAGES, XVIII. 779.
- DRAVIDIANS, Indian races, XII. 778; XXIII. 41.
- DRAWING, delineation, VII. 446; litho-
graphic, XIV. 698; mathematical, XV. 628; perspective in, XIX. 806.
- PAPER, Sizes of, XVIII. 226.
- DRAYTON, Michael, English poet, VII. 451; XVIII. 346; his Polyolbion, I. 501.
- DREAM, DREAMS, VII. 452, 293; XV. 201; XXII. 157; phantoms of, regarded
as demons, VII. 62; Artemidorus on, II. 642.
- DREDGE, The Naturalist's, VII. 459; its use in zoological study, XXIV. 814.
- DREDGE'S SUSPENSION BRIDGE, IV. 323.
- DREDGING, in engineering, VII. 463; of rivers, XX. 578.
- DRED SCOTT CASE, United States, XXIII. 772.
- DREIKRECHAM (Kamenz), town, Saxony, XIII. 832.
- DREISSENA, genus of Mollusca, XVI. 689.
- DRELINCOURT, Charles, French Cal-
vinist, VII. 467.
- DREME, The, Sir David Lyndsay's poem, XV. 107.
- DRENTHE, province, Holland, XII. 64; dolmens in, XXI. 52.
- DREPANOPHORUS, genus of nemertine worms, XVII. 326.
- DREPANUM, or Drepana (Trapani), ancient town, Sicily, XXIII. 522.
- DRESDEN, town, Saxony, VII. 468; XXI. 358; battle of (1813), XVII. 220; peace of (1745), IX. 586; libraries, XIV. 527, 546; organ in royal Catholic church, XVII. 837; picture gallery, XXI. 445; porcelain ware of, XV. 831; XIX. 639.
- CHINA, works at Meissen, Saxony, XV. 831; XIX. 639.
- DRESS, costume, VI. 453; laws against extravagance in, XXII. 644.
- DREUX, town, France, VII. 469.
- DREW, Samuel, English theologian, VII. 469.
- DREYSE, Johann Nicholas von, inventor of the needle-gun, VII. 470.
- DRIED FRUITS, XIX. 707.
- DRIFFIELD, town, England, VII. 470.
- DRIFT FISHERIES, IX. 250.
- DRIFT PERIOD, in geology, X. 365, 368; caves of, II. 337.
- DRIFTWAY, in tunnelling, XXIII. 622.
- DRILL, ape, XV. 477.
- , boring tool, XI. 438; mining imple-
ment, XVI. 443, 446.
- , implement for sowing, I. 320.
- , Military, XXIV. 344, 355.
- DRILLING-MACHINE, XV. 155.
- DRINKING CUP, in Roman pottery, XIX. 618.
- DRIOS, port, Paros, Ægean Sea, XVIII. 319.
- DRISSA, town, Russia, XXIV. 262.
- DRIVA, river, Norway, XVII. 575.
- DRIVER, in applied mechanics, XV. 755.
- DROCÆ (Dreux), ancient town, France, VII. 469.
- DROGHEDA, town, Ireland, VII. 470; parliament of (1494), XIII. 261; siege of (1649), VI. 600.
- , Countess of, wife of Wycherley, XXIV. 707.
- DROHOBYCZ, town, Austria, VII. 471.
- DROITS OF ADMIRALTY, I. 156.
- DROITWICH, town, England, VII. 471; XXIV. 666; mineral water of, XVI. 434.
- DROMÆOGNATHOUS TYPE, of birds, III. 711.
- DROMÆUS, genus of birds, VIII. 172.
- DROMAS, genus of birds, XIX. 228.
- DRÔME, department, France, VII. 471; river, XX. 528.
- DROMEDARY, IV. 737; of Arabia, II. 242.
- DROMICIA, genus of marsupial mammals, XVIII. 729.
- DROMION, or Dromon, mediæval war-
ship, VII. 310; XXI. 808.
- DRONE, male bee, III. 484, 496.
- DRONKE, his experiments in magnetic induction, XV. 250.
- DRONTHEIM, town, Norway, XXIII. 321.
- DROPSY, disease, VII. 472; XVIII. 388.
- DROSERA, genus of plants, XIII. 134.
- DROSOPHYLLUM LUSITANICUM, insectivorous plant, XIII. 137.
- DROSTE-HÜLSHOFF, Baroness of, Ger-
man poetess, VII. 472.
- DROUAIS, Jean Germain, French painter, VII. 472.
- DROUET, Jean Baptiste, French Revolu-
tionist, VII. 473.
- D'ERLON, Count, French general, VII. 473.
- DROUGHT, Meteorological conditions of, VI. 5; XVI. 150; in Africa, I. 257; XVI. 153.
- DROWNING, VII. 473; death from, XV. 780; apparatus for saving from, XIV. 570.
- DROZ, François Xavier Joseph, French writer, VII. 476.
- , Gustave, French writer, IX. 679.
- DRUGGIST, II. 198.
- DRUGS, of the pharmacopœia, XVIII. 730; adulterations of, I. 175.
- DRUIDISM, DRUIDS, VII. 477; V. 302, 318; reverence for the mistletoe, XVI. 527; in Scotland, XXI. 475; festivals, in Ireland, XIII. 245, 249; monuments, XXI. 52.
- DRUIMCETA, or Drumceat, Irish con-
vention at (c. 575), III. 302; VI. 167; XIII. 250.
- DRUM, musical instrument, VII. 479.
- , of the ear, I. 892.
- DRUMCEAT, Ireland, Council of (c. 575), III. 302; VI. 167; XIII. 250.
- DRUMCLOG, Scotland, Battle of (1679), VII. 537; XIV. 251; XXI. 516.
- DRUMMOND, Henry, English politician, VII. 479.
- , Thomas, English surveyor, VII. 480.
- , William, of Hawthornden, Scottish poet, VII. 480.
- DRUNKENNESS, VII. 481; XVIII. 407; in relation to insanity, XIII. 102, 109; bearing of liquor laws on, XIV. 688; societies against, XXIII. 159.

- DRUPE, form of fruit, IV. 151.
 DRURY LANE THEATRE, London, XIV. 836.
 DRUSES, Syrian people, VII. 483.
 DRUSIUS, Johannes (Van den Driesche), Flemish divine, VII. 486.
 DRUSUS, Marcus Livius, Roman patrician, VII. 487.
 —, Marcus Livius, Roman tribune, VII. 487; XX. 759.
 —, Nero Claudius, brother of the emperor Tiberius, XXIII. 335.
 DRUZBACKA, Elizabeth, Polish poetess, XIX. 302.
 DRYADES, or Dryads, in Greek mythology, VII. 487; XVII. 688.
 DRYANDER, Jonas, Swedish naturalist, VII. 487.
 DRYDEN, John, English poet, VII. 488; as dramatist, VII. 435; hymns by, XII. 592; as satirist, XXI. 319; his place in English literature, VIII. 423, 424, 425; his relations with Shadwell, XXI. 727.
 DRYOPHIDÆ, family of snakes, XXII. 193, 195.
 DRY ROT, in timber, VII. 493; cause of, IV. 94.
 DSCHABIR, Abu Musa (Geber), Arabian alchemist, X. 125.
 DSONGARIA, or Dzungaria, district, Central Asia, VII. 587; XXIII. 632, 639.
 DUAB (Doab, *q.v.*), India, VII. 307.
 DUALIN, kind of dynamite, XVII. 521.
 DUALITY, in geometry, X. 395.
 —, Law of, in psychology, XX. 79.
 DU BARRY GOMARD DE VAUBERNIER, Countess, mistress of Louis XV., VII. 494.
 DU BARTAS, Guillaume de Salluste, French poet, III. 401; IX. 651.
 DUBBING, conferring knighthood, XIV. 118.
 DUBLIN, county, Ireland, VII. 494; population and representation, XXIII. 727.
 —, metropolis of Ireland, VII. 496; Irish Academy at, I. 73; foundling hospital, IX. 483; law courts, XIII. 90; libraries, XIV. 523, 542; newspapers, XVII. 423; observatory, XVII. 710; Trinity College, XXIII. 855.
 DUBNO, town, Russia, VII. 502; population, XXIV. 282.
 DUBOFKA, town, Russia, VII. 502; XXI. 305.
 DUBOIS, Guillaume, French cardinal and statesman, VII. 502; IX. 584.
 —, Jacques, French anatomist, I. 807.
 DUBOS, Jean Baptiste, French political writer, VII. 503; IX. 667.
 DUBOSSARI, town, Russia, VII. 503.
 DUBOVKA (Dubofka), town, Russia, VII. 502; XXI. 305.
 DUBRAVIUS, bishop, Bohemian writer, XXII. 152.
 DUBRIS (Dover), ancient town, England, VII. 380.
 DUBROVIN, Russian historian, XXI. 108.
 DUBROVNA, town, Russia, VII. 503.
 DUBUAT, Chevalier, on the motion of fluids, XII. 437.
 DUBUQUE, town, Iowa, U.S.A., VII. 504.
 DU BUS, B. A. L., on birds, XVIII. 13.
 DUCANGE, Charles Dufresne, French historian and philologist, VII. 504.
 DUCAS, Michael, Greek historian, VII. 504; IV. 613.
 DUCCIO DI BUONINSEGNA, Italian painter, XXI. 433; XXII. 43.
 DUCETIUS (Douketios), Sicilian chief, XXII. 17.
 DU CHAILLU, Paul Belloni, his African explorations, I. 247.
 DUCHENIUS (A. Duchesne), French writer, VII. 504.
 DUCHENNE, G. B., on physiognomy, XIX. 5.
 DUCHESNE, André, French geographer and historian, VII. 504.
 —, Le Père (Hébert), French Revolutionist, XI. 594.
 DUCHESS OF MALFY, Webster's tragedy, XXIV. 473.
 DUCHY OF LANCASTER, Chancellor of the, v. 389; XVI. 474.
 DUCIS, Jean François, French dramatist, VII. 505.
 DUCK, bird, VII. 505; organs of touch in, XXIII. 479; parasite of, XXIII. 540; domestic, XIX. 647; golden-eye, X. 757; Labrador, III. 735; pochard, XIX. 252; scoter, XXI. 470.
 DUCKWORTH, Sir John Thomas, English admiral, VII. 506.
 DUCLOS, Charles Pineau, French writer, VII. 507.
 DUCTILITY, of metals, XVI. 65.
 DUDDON, river, England, XIV. 252.
 DUDEVANT, Madame (George Sand), French novelist, VII. 507; IX. 678.
 DUDIK, Beda, Bohemian writer, XXII. 153.
 DUDINO, town, Siberia, XXIV. 742.
 DUDLEY, town, England, VII. 510; population, XXIV. 666.
 —, Lord Guildford, husband of Lady Jane Grey, XI. 192.
 —, Robert, earl of Leicester, XIV. 425.
 — OBSERVATORY, Albany, New York, U.S.A., XVII. 715.
 DUDO, early Norman chronicler, XVII. 539.
 DUEL, VII. 511; as ordeal, XVII. 820.
 DUERO (Douro, *q.v.*), river, Spain, XXII. 295.
 DUFAY, C. F. de C., his electrical researches, VIII. 4.
 DUFFERIN, Lord, his observations on Canada, IV. 782.
 DUFF HILL, Wicklow, Ireland, XXIV. 557.
 DUFOUR, Wilhelm Heinrich, Swiss general, VII. 515.
 DUFRENITE, mineral, XVI. 405.
 DUFRÉNOY, Pierre Armand, French geologist, VII. 515.
 DUFRENOYSITE, mineral, XVI. 394.
 DUFRESNY, Charles Rivière, French dramatist, VII. 515.
 DUFTON FELL, mountain, England, XXIV. 513.
 DUGDALE, Sir William, English antiquary, VII. 516.
 DUGONG, cetacean mammal, VII. 516; XV. 390.
 DUGONICS, Andrew, Hungarian writer, XII. 377.
 DUG-OUT, canoe, IV. 811; XXI. 804.
 DUGUAY-TROUIN, René, French admiral, VII. 517.
 DU GUESCLIN, Bertrand, constable of France, VII. 517; IX. 547.
 DU HAILLAN, B. de Girard, Seigneur, French historian, IX. 653.
 DUHALDE, Jean Baptiste, French geographer, VII. 518.
 DUHAMEL, Jean Baptiste, French astronomer, VII. 518.
 — DU MONCEAU, Henri Louis, French botanist and agriculturist, VII. 518.
 DUHOVSHINA, town, Russia, XXII. 183.
 DUI, town, Saghalin, Russia, XXI. 147.
 DUILIUS, Column of, at Rome, inscription on, XIV. 329.
 DUILLIER, Fatio de, on the invention of the calculus, XIII. 9.
 DUISBURG, town, Prussia, VII. 518.
 DUJARDIN, F., on sarcodæ or protoplasm, XIX. 828.
 DUK-DUK, mysterious judge, in New Britain, XVII. 372.
 DUKE, order of nobility, VII. 519; XXIII. 418; in the English peerage, XVIII. 464; German, XVIII. 461.
 — OF CORNWALL, title, XIX. 739.
 — OF ROTHESAY, title, XIX. 739.
 — OF YORK ISLANDS, South Pacific, XVII. 372.
 DUKE'S LAWS, New York, XVII. 463.
 DUKINFELD, township, England, VII. 520.
 DUKLJAMIN, Pop, early Servian writer, XXI. 689.
 DULCAMARA, drug, VII. 520; plant, XVII. 499.
 DULCAMARIN, in chemistry, XVII. 499.
 DULCE LAMENTAR DE LOS PASTORES, Garcilaso de la Vega's pastoral, XVIII. 346.
 DULCIGNO, town, Albania, VII. 520; XVI. 781.
 DULLAH, town, Kei Islands, Indian Archipelago, XIV. 27.
 DULONG AND PETIT, on radiation, XX. 216; their law of gases, III. 40.
 DULSE, edible Algæ, I. 508.

- DULUTH, town, Minnesota, U.S.A., VII. 520.
- DULWICH, town, England, VII. 520.
- COLLEGE, at Dulwich, England, I. 584; VII. 520; library of, XIV. 517; picture gallery in, XXI. 445.
- DUMA, administrative assembly, Russia, XXI. 70.
- DUMANGAS, town, Philippine Islands, VII. 520.
- DUMARSAIS, César Chesneau, French philologist, VII. 520.
- DUMAS, Alexandre, the Elder, French novelist, VII. 521; IX. 676.
- , Alexandre, the Younger, IX. 676.
- , J. B., on substitution in chemistry, V. 466.
- , Matthieu, Count, French general and historian, VII. 523.
- DUMBARTON, county, Scotland, VII. 523; population, XXI. 528; representation, XXIII. 727; town and castle, VII. 525.
- DUMB-BELL, for gymnastic exercise, XI. 350.
- DUMB-SHOW, Dramatic, XVIII. 215.
- DUMDUM, town, India, VII. 525; XXIII. 673.
- DUMÉRIL, A. M. C., zoologist, XIII. 45; his classification of reptiles, XX. 435, 437.
- DUMERY, bell-founder, III. 538.
- DUMFRIES, county, Scotland, VII. 526; population, XXI. 528; representation, XXIII. 727; town, VII. 527.
- DÜMLER, E. L., on the Roland legend, XX. 626.
- DUMMY, in whist, XXIV. 548.
- DUMNONIA, British kingdom, England, VII. 141.
- DUMONT, Jean, French publicist, VII. 529.
- , Pierre Étienne Louis, Genevese political writer, VII. 529; as collaborator with Mirabeau, XVI. 497.
- D'URVILLE, Jules Sébastien César, French navigator, VII. 530; X. 193.
- DUMOURIEZ, Charles François, French Republican general, VII. 530; III. 130; IX. 603.
- DUM PALM, Arabia, II. 237; XVIII. 190.
- DUMRAON, town, India, XXI. 735.
- DÜNA (Southern or West Dwina), river, Russia, VII. 569; III. 294; XX. 553; XXI. 73.
- DÜNABURG, town, Russia, VII. 531; population, XXIV. 262.
- DUNA FÖLDVAR, town, Hungary, IX. 355.
- DUNBAR, town, Scotland, VII. 531; battle of (1650), VI. 601; XVII. 371; XXI. 514.
- , Gavin, archbishop of Glasgow, XXI. 498.
- , William, Scottish poet, VII. 532; VII. 415.
- DUNBIRD, bird, XIX. 252.
- DUNBLANE, town, Scotland, VII. 533; XVIII. 667.
- DUNCAN, king of Scotland, XXI. 480.
- , Viscount, British admiral, VII. 533.
- , John, Niger explorer, I. 246.
- , Thomas, Scottish painter, VII. 533.
- DUNCIAD, Pope's poem, XIX. 486; Lewis Theobald, butt of the, XXIII. 252.
- DUNDALK, town, Ireland, VII. 534.
- DUNDAS, Henry, Viscount Melville, XV. 843.
- CASTLE, Linlithgow, Scotland, XIV. 670.
- DUNDEE, town, Scotland, VII. 534; population, XXI. 528; newspapers of, XVII. 423.
- , Viscount (Graham of Claverhouse), VII. 536; XXI. 516.
- DUN DIVER, bird, XVI. 35.
- DUNDONALD, Tenth Earl of (Lord Cochran), naval officer, VII. 539.
- DUNEDIN, town, New Zealand, VII. 541.
- DUNES, or Sand Hills, X. 265; of Western Asia, XXII. 820; XXIII. 511; of Holland, XII. 60; of Sahara, Africa, XXI. 149.
- , Battle of the (1658), XXIII. 626.
- DUN FELL, mountain, England, XXIV. 513.
- DUNFERMLINE, town, Scotland, VII. 542.
- , James Abercromby, Lord, I. 37.
- DUNG, its use in agriculture, I. 342; farmyard, its composition, XV. 509.
- DUNGANNON, town, Ireland, VII. 543; XXIII. 713.
- DUNGARPUR, state, India, XX. 260.
- DUNGARVAN, town, Ireland, VII. 543; population, XXIV. 401.
- DUNGEON, in architecture, II. 464.
- GILL FORCE, waterfall, England, XXIV. 514.
- DUNGHUNTER, bird, XXII. 125.
- DUNIPACE, town, Scotland, XXII. 554.
- DUNKELD, town, Scotland, VII. 543.
- DUNKERQUE (Dunkirk), town, France, VII. 543.
- DUNKERRY HILL, Somerset, England, XXII. 257.
- DUNKERS, sect of American Baptists, VII. 543.
- DUNKIRK, town, France, VII. 543.
- , town, New York, U.S.A., VII. 544.
- DUNLEARY (Kingstown), town, Ireland, XIV. 90.
- DUNLIN, bird, XXI. 260.
- DUNLOP, R. H. Wallace, inventor of swimming plates, XXII. 771.
- CHEESE, V. 456.
- DUN MAC UISNEACHAIN, Scotland, Vitrified fort at, XXIV. 264.
- DUNMOW, town, England, VII. 544.
- DUNN, Samuel, Wesleyan seceder, XVI. 190.
- DUNNET HEAD, Caithness, Scotland, IV. 647.
- DUNNING, John, Lord Ashburton, English lawyer and statesman, VII. 544.
- DUNNOCK, bird, XXII. 369.
- DUNOIS, Jean, bastard of Orleans, French soldier, VII. 544; IX. 549, 551.
- DUNOON, town, Scotland, VII. 545.
- DUNOYER, Charles, French economist, XIX. 383.
- DUN RIG, mountain, Scotland, XXI. 638.
- DUNSE, town, Scotland, III. 613.
- DUNSINANE, Scotland, Battle of (1054), XVIII. 667.
- DUNSINK, near Dublin, Astronomical observatory at, VII. 498; XVII. 710.
- DUNS SCOTUS, John, mediæval scholastic writer, VII. 545; XVI. 710; XXI. 429; on the being of God, XXIII. 241; his ethical teaching, VIII. 594; on evolution, VIII. 758.
- DUNSTABLE, town, England, VII. 546.
- DUNSTAN, St, archbishop of Canterbury, VII. 546; VIII. 286, 405; his influence on the Church of England, VIII. 371; his relations with King Edwy, VII. 692.
- DUNTON, John, English bookseller and author, VII. 547.
- DUNY, Annie, Suffolk witch, XXIV. 621.
- DUODENUM, Anatomy of the, VII. 225; XVII. 668.
- DUPERRÉ, Victor Guy, Baron, French admiral, I. 566.
- DUPERREY, Louis Isidore, French navigator, VII. 547.
- DUPERRON, Abraham H. Anquetil, French Orientalist, II. 90; XXIV. 778.
- , Jacques Davy, French cardinal, VII. 548; I. 784; IX. 654.
- DU PETIT-THOUARS, L. M. A., French admiral, XXIII. 22.
- DUPIN, André Marie J. J., French advocate and politician, VII. 548.
- , Aurore (George Sand), French writer, VII. 507.
- , Louis Ellies, French ecclesiastical historian, VII. 548.
- FAMILY, friends of Rousseau, XXI. 24.
- DUPLEIX, Joseph, governor-general of French India, VII. 549; IX. 587; XII. 800.
- DUPLESSIS, Lucile, wife of Desmoulins, VII. 131.
- DU PLESSIS-MORNAY, P., French Protestant writer, IX. 654; XVI. 828.
- DUPLEX TELEGRAPHY, XXIII. 122.
- DUPONT, Peter, grand-master of Knights of St John, XXI. 174.
- , Pierre, French poet, VII. 549.
- DE L'EURE, Jacques Charles, French lawyer and statesman, VII. 549.
- DE NEMOURS, Pierre Samuel, French economist and statesman, VII. 550; XIX. 361.

- DUPPLIN MUIR, Scotland, Battle of (1332), XXI. 489.
- DUPRÉ, A., on the elimination of alcohol from the body, I. 471; on thermodynamics, v. 58.
- DUPUIS, Charles François, French scientific writer, VII. 550.
- , Joseph, his mission to Ashantee, II. 681.
- , French trader in Tong-King, XXIII. 441.
- DUPUYTREN, Guillaume, Baron, French surgeon, VII. 551.
- DUQUESNE, Abraham, Marquis, French naval officer, VII. 551; his bombardments of Algiers (1682, 1683), I. 566.
- DUQUESNOY, François, Flemish sculptor, XXI. 563.
- DURA MATER, membrane of the brain, I. 864.
- DURAN, Augustin, Spanish writer, VII. 552; XXII. 361.
- DURAND, Amand, photographic engraver, VIII. 440.
- DURANDUS, Wilhelmus, papal legate and canonist, VII. 552.
- DURANGITE, mineral, XVI. 408.
- DURANGO, state, Mexico, XVI. 214.
- , or Duranga, town, Mexico, VII. 553; XVI. 214.
- , town, Spain, VII. 552.
- DURANTE, Francesco, Italian musical composer, VII. 553.
- DURANTI, or Durantis (Durandus), papal legate, VII. 552.
- DURÃO, José de Santa Ritta, Brazilian poet, VII. 553.
- DURAZZO, town, European Turkey, VII. 553.
- DURBAN, or D'Urban, town, Natal, South Africa, VII. 553; XVII. 240; observatory at, XVII. 716.
- DURBOTS, or Dörböd, Mongol tribe, IV. 710; XVI. 749.
- DURBUNGA (Darbhanga), town, India, XXIII. 407.
- DÜREN, town, Prussia, VII. 553.
- DÜRER, Albrecht, German painter, VII. 554; XXI. 438; as engraver, VIII. 441; as sculptor, XXI. 565; as writer, X. 529; on fortification, IX. 443, 465; medals by, XVII. 658; his house at Nuremberg, XVII. 663; his connexion with Marcantonio, XV. 531; his rivalry with Lucas of Leyden, XV. 38.
- D'URFEY, Thomas, English satirist, VII. 559.
- DURHAM, county, England, VII. 559; population and representation, XXIII. 727; breed of cattle in, I. 387; coal-field, VI. 51.
- , town, England, VII. 561; observatory at, XVII. 710; university, XXIII. 853.
- , First Earl of (John George Lambton), VII. 563.
- DURHAM, Arthur E., his observations on sleep, XXII. 155.
- BOOK, MS. of Gospels, XVIII. 159.
- DURIAN, fruit of durio tree, VII. 563; IV. 57.
- DÜRKHEIM, town, Germany, VII. 564.
- DURLACH, town, Bavaria, VII. 564.
- DURMAST OAK, XVII. 690.
- DURNES, Kyle of, sea-loch, Scotland, XXII. 726.
- DURNOVARIA (Dorchester), ancient town, England, VII. 365.
- DUROCASSIS (Dreux), ancient town, France, VII. 469.
- DUROCORTORUM (Rheims), Roman settlement, France, XX. 508.
- DUROSTORUM (Silitria), ancient town, Bulgaria, XXII. 54.
- DUROVERAY, collaborator with Mirabeau, XVI. 497.
- DUROVERNUM (Canterbury), ancient town, England, v. 29.
- DURRA, Indian millet, VII. 564; XVI. 321.
- DURRANIS, Afghan clan, I. 234.
- D'URVILLE, genus of Algae, I. 509.
- D'URVILLE, Dumont, French explorer, VII. 530; X. 193.
- DURY, Giles, English news-book writer, XVII. 414.
- DUSHAN, Stephen, king of Servia, XXI. 688.
- DUSHETY, town, Transcaucasia, Russia, XXIII. 514.
- DUSSEK, Johann Ludwig, Bohemian pianist and composer, VII. 564.
- DÜSSELDORF, town, Prussia, VII. 565; XX. 16, 21; observatory at, XVII. 712.
- DÜSSELTAL, village, Rhenish Prussia, VII. 565.
- DUST SHOWERS, X. 266.
- DUST STORMS, XVI. 131.
- DUTCH, their national character, XII. 69; settlements of, in Asia, II. 701; settlements at Cape of Good Hope, v. 440.
- DRAMA, VII. 443.
- EAST INDIA COMPANY, Establishment of, XII. 78.
- EAST INDIES, XII. 818.
- GUIANA, South America, XI. 251.
- LANGUAGE, XII. 84; dictionaries of, VII. 187.
- LITERATURE, XII. 90.
- REFORMED CHURCH, America, XIX. 701.
- DUTENS, Louis, French writer, VII. 566.
- DUTROCHET, René Joachim Henri, French man of science, VII. 566.
- DUTY, see article Ethics; Stoic theory of, XXII. 568.
- DU VAIR, Guillaume, French jurist and writer, XXIV. 31.
- DUVAL, Jules, French economist, VII. 566.
- DÜVEKE, or Dyveke, mistress of Christian II. of Denmark, VII. 587.
- DUVERGIER DE HAURANNE, Jean, French theologian, VII. 567; his relations with Jansen, XIII. 566.
- DUVERNEY, J. G., French anatomist, I. 812.
- DUVET, François Joseph, French sculptor, XXI. 564.
- DVINA, or Dwina (*q.v.*), rivers, Russia, VII. 568, 569; XXI. 73.
- DWALE, or Belladonna, plant, III. 543.
- DWARAKA, or Dwarka, town, India, VII. 567.
- DWARF, VII. 567; XVI. 762.
- DWARKA, town, India, VII. 567.
- DWARS, Western, district, India, XIII. 548.
- DWIGHT, John, English potter, XIX. 632.
- , Timothy, American theological and miscellaneous writer, VII. 568; I. 722.
- DWINA, Northern, river, Russia, VII. 568; XXI. 73.
- , Southern, or West, river, Russia, VII. 569; III. 294; XX. 553; XXI. 73.
- DYAKS, race of people, Borneo, IV. 58; Sir James Brooke's treatment of, IV. 370.
- DYCE, Alexander, English critic, VII. 569.
- , William, Scottish painter, VII. 569.
- DYCH TAU, mountain, Caucasus, v. 252.
- DYE, DYES, VII. 574; in photography, XVIII. 836.
- COLOURS, in calico-printing, IV. 686.
- DYEDINOVO, town, Russia, XXI. 116.
- DYEING, VII. 570; of silk, XXII. 64.
- DYER, Sir Edward, English pastoral poet, XVIII. 346.
- , John, English poet, VII. 580.
- DYER'S Madder, XV. 176.
- DYKES, in geology, X. 312.
- , embankments, Holland, XII. 60.
- DYMPHNA, St, Legend of, X. 562.
- DYNAMICAL THEORY OF HEAT, XXIII. 283.
- DYNAMICS, VII. 581; XV. 698; XIX. 2; abstract, XV. 676; applied, XV. 764; transformation of energy in, VIII. 206.
- DYNAMITE, explosive, VII. 583; VIII. 810; XVII. 520; as used in blasting, III. 809.
- DYNAMO-ELECTRIC MACHINE, XIV. 630; XXIII. 494; Siemens's invention of, XXII. 38.
- DYNAMOMETER, VII. 584; XV. 764; Stephenson's marine, XI. 458.
- DYNE, unit of force, VIII. 206; XV. 668; XXIII. 116.
- DYRRACHIUM (Durazzo), ancient town, Albania, VII. 553; VIII. 476; XII. 709.
- DYSANALYTE, mineral, XVI. 426.
- DYSART, town, Scotland, VII. 584.
- DYSENTERY, disease, VII. 584; XVIII. 395; in Egypt, VII. 704.
- DYSMEROGENESIS, in growth of composite organisms, XII. 555.

DYSON, Jeremiah, friend of Akenside, I. 435.
 DYSPEPSIA, disease, VII. 586; diet in relation to, VII. 206.
 DYSPHONIA CLERICORUM, disease, XXIII. 320.
 DYSPNŒA, arrest of respiration, XX. 485.
 DYSPOROMORPHÆ, group of birds, III. 713.
 DYVEKE, mistress of Christian II. of Denmark, VII. 587.
 DZERIN, antelope, II. 101.
 DZUNGANS, people, Turkestan, XXIII. 636.
 DZUNGARIA, region, Central Asia, VII. 587; XXIII. 632, 639.
 DZUNGARIAN GATE, pass, Central Asia, XXIII. 634.

E, the fifth letter of the alphabet, VII. 588.

EA, Accadian god, III. 193.
 EACHARD, John, English divine and humorist, VII. 588.
 EADBERT, Northumbrian king, XVII. 570.
 EADGAR, or Edgar, king of Northumbria, VIII. 286; XVII. 571.
 EADGYTH, wife of Harold II. of England, XI. 487.
 EADIE, John, Scottish Biblical critic, VII. 588.
 EADMER, English ecclesiastic and historian, VII. 589.
 EADMUND (Edmund), king of East Anglia, VII. 669.
 — I. and II., kings of the West Saxons, England, VII. 669.
 EADRED, king of Northumbria, XVII. 570, 571.
 EADS, Captain, American engineer, XX. 580.
 EADWARD (Edward) I., early English king, VII. 681; VIII. 284.
 — II., early English king, VII. 681; VIII. 286.
 — III., the Confessor, early English king, VII. 681; VIII. 289.
 EADWIG (Edwy), the Fair, king of Wessex, VII. 692; VIII. 286.
 EADWINE (Edwin), king of Northumbria, VII. 691; XVII. 569.
 EAGER, or Bore (*q.v.*), tidal wave, XIV. 654.
 EAGLE, bird, VII. 589; golden, XIV. 244.
 — MOUNTAINS, Texas, U.S.A., XXIII. 204.
 EAGLE-RAY, fish, XX. 300.
 EAGLEWOOD, a fragrant wood, IV. 725.
 EALDHUNE, Bishop, founder of Durham cathedral, VII. 561.
 EALDORMAN, Saxon executive officer, XVIII. 302.
 EALDRED, archbishop of York, I. 475.

EALRED, or Ailred, English ecclesiastic and historian, I. 425.
 EANFRID, Anglo-Saxon prince, XVII. 569.
 EAR, VII. 591; anatomy of, I. 891; as affected by sound vibrations, I. 100; its powers of musical perception, XVII. 102; in birds, III. 725; in reptiles, XX. 461.
 EAR-ACHE, disease, VII. 594.
 EAR COCKLE, in wheat, XXIV. 536.
 EARL, title of nobility, VII. 595; XXIII. 418; early English, VIII. 274; position of, in peerage, XVIII. 459, 464.
 EARLE, John, English bishop and author, VII. 596.
 EARL-MARSHAL, officer of state, XV. 574.
 EARLOM, Richard, English engraver, VII. 596.
 EARL'S BARTON, England, steeple of church, II. 425.
 EARN, loch and river, Scotland, XVIII. 666.
 EARNEST, in sale, XXI. 207.
 EAR-RING, ornament, VII. 596.
 EAR-SHELL, mollusc, XVI. 645.
 EARTH, Figure of the, VII. 597; II. 792; XII. 442; its place in solar system, II. 766, 792; X. 214; age of, X. 226; changes in its centre of gravity, X. 217; early observations on its circumference, XX. 92; its geological relations, X. 216; gravitation at its surface, XI. 66; its action on a magnet, XV. 223, 238; magnetic state of, XVI. 159; first measurement by Eratosthenes, II. 748; its motion round the sun maintained by Aristarchus, II. 504; by Galileo, X. 33; shown by aberration of light, I. 48; its motions in relation to dialling, VII. 154; rigidity of, XXIII. 374; effect of its rotation on the winds, II. 690; tidal retardation of its rotation, XXIII. 377, 378; Cusanus on its rotation, VI. 729; sphericity of, X. 197; irregularities of its surface, X. 170; tidal deformation of, XXIII. 373; influence of tidal friction on its evolution, XXIII. 378; Hutton's theory of, XII. 415; Thales's, XXIII. 218.
 —, Sacred Theory of the, Burnet's work, IV. 564.
 —, Medicinal, of Lemnos, XIV. 436.
 EARTH-CLOSET, I. 349; IV. 468; XXI. 717.
 EARTH-FLEA, insect, IX. 301.
 EARTH FLEA-BEETLE, XXIII. 668.
 EARTHKIN, Gilbert's spherical magnet, XV. 222.
 EARTH NUT, XI. 221.
 EARTH PIG, edentate mammal, I. 3; XV. 389.
 EARTHQUAKE, EARTHQUAKES, VII. 608; X. 254; measurement of, XXI. 626; at Antioch, II. 131; in the Azores, III. 170; in Chili, V. 616; European, VIII. 683; at Ischia (1883), XVII.

188; in Japan, XIII. 574; in Java, XIII. 601; of Lisbon (1755), XIV. 690; in Peru, XVIII. 672; in the Philippines, XVIII. 749; in South America, I. 673; in United States, IV. 700; XXII. 287.
 EARTHS, for brick-making, IV. 280; XIV. 1.
 —, Alkaline, V. 525, 543.
 EARTH THERMOMETER, XXIII. 291.
 EARTHWORKS, fortifications, IX. 430.
 EARTHWORM, XXIV. 677.
 EARWIG, insect, VII. 612; XIII. 152.
 EASBY ABBEY, Yorkshire, England, I. 20.
 EASEL, Painter's, XVIII. 137.
 EASEMENT, in law, VII. 613.
 EASKY, river, Ireland, XXII. 159.
 EASTBOURNE, town, England, VII. 613; XXII. 724.
 EASTER, church festival, VII. 613; feast of the Jews, XVIII. 511; time of celebrating, IV. 668, 675; XIII. 273.
 — ISLAND, South-East Pacific, XIX. 428; XX. 273.
 EASTERN CHURCH, XI. 154.
 EASTERN ROUMELIA, province of Turkey in Europe, XXIII. 652.
 EASTER SUNDAY, X. 774.
 EAST GIRT HILL, Scotland, XX. 395.
 EAST GRINSTEAD, town, England, XXII. 724.
 EAST HILL, New York, U.S.A., XXIII. 793.
 EAST INDIA COMPANY, II. 701; XII. 798, 811; XXI. 827; its beginning, VI. 12; incorporation of, X. 185; governors-general of India under, III. 570; in time of Hastings, XI. 514.
 EAST INDIA COMPANY, Dutch, X. 186; establishment of, XII. 78.
 EAST INDIAN ARCHIPELAGO, XII. 731, 815.
 EASTLAKE, Sir Charles Lock, English painter, VII. 615.
 EASTLAND COMPANY, English, XXI. 827.
 EAST LONDON, town, British Kaffraria, XIII. 817.
 EAST LOTHIAN (Haddington, *q.v.*), county, Scotland, XI. 361.
 EAST LYNNE, Mrs H. Wood's novel, XXIV. 644.
 EAST MOULSEY, town, England, XXII. 694.
 EASTON, town, Pennsylvania, U.S.A., VII. 616.
 EAST RETFORD, town, England, XX. 487.
 EAST SAGINAW, town, Michigan, U.S.A., VII. 616.
 EATA, abbot of Melrose, Scotland, VI. 732.
 EATON, Theophilus, founder of New Haven, Conn., U.S.A., XVII. 395.
 —, William, his improvements on cotton-spinning mule, VI. 498.
 EAU CLAIRE, town, Wisconsin, U.S.A., XXIV. 617.
 EAU DE COLOGNE, perfume, VII. 616.

- EAUX-BONNES, spa, France, XVI. 435; XX. 127.
- EAUX-CHAUDES, spa, France, XX. 127.
- EBAL, Mount, Palestine, X. 444; XXI. 244.
- EBEL, Hermann Wilhelm, German philologist, VII. 616.
- EBER, Hebrew patriarch, XI. 594.
- EBERHARD, duke of Württemberg, VII. 616; XXIV. 702.
- , August Gottlob, German poet, VII. 617.
- , Johann Augustus, German theologian, VII. 617; XX. 290.
- EBERSWALDE, town, Prussia, XVII. 366.
- EBERT, Friedrich Adolf, German bibliographer, VII. 618.
- EBINGEN, town, Württemberg, VII. 618.
- EBIONITES, early Christian sect, VII. 618; Irenæus on, XIII. 273, 274.
- EBISUMINATO, town, Japan, XVII. 500.
- EBOE (Ibo), district, West Africa, XII. 610.
- EBOLI, town, Italy, VII. 619.
- EBONITE, or Vulcanite, XII. 842.
- EBONY, wood, VII. 619.
- EBORACUM (York), Roman station, England, XXIV. 751.
- EBNER, Christina and Margaretha, German mystics, XVII. 133.
- EBN-MALEK, Arabic grammarian, II. 265.
- EBRO, river, Spain, VII. 619; XXII. 295.
- EBRODUNUM (Embrun), ancient town, France, VIII. 162.
- EBURODUNUM (Yverdon), ancient town, Switzerland, XVII. 361.
- EBUSUS (Ivica), one of the Balearic Islands, Spain, III. 278; XVIII. 808.
- ÉCARTÉ, card game, VII. 620.
- ECBALIUM, genus of plants, VI. 688; VII. 825.
- ECBATANA, various ancient Asiatic towns, VII. 621.
- (Hamadan), ancient town, Persia, VII. 621; XVIII. 561; ruins of, II. 399.
- ECBOLIN, vegetable alkaloid, VIII. 521.
- ECCA (Ica), town, Peru, XII. 611.
- ECCARD, Johannes, German composer, VII. 621.
- ECCELINO, or Ezzelino (*q.v.*), Italian Ghibelline chief, VII. 622.
- ECHELLENSIS, Abraham, learned Maronite, VII. 622.
- ECCHONDROSIS, disease, XVIII. 370.
- ECCLES, town, England, VII. 622.
- ECCLESIA, Athenian assembly, VII. 622.
- ECCLESIASTES, Book of, VII. 623; III. 639.
- ECCLESIASTICAL COMMISSION, English, VII. 627.
- ECCLESIASTICAL LAW, VII. 627; v. 16.
- ECCLESIASTICAL POLITY, Laws of, Hooker's work, XII. 151.
- ECCLESIASTICUS, Book of, in Apocrypha, II. 181.
- ECCLESIAZUSÆ, Aristophanes's comedy, II. 509.
- ECDEMITE, mineral, XVI. 408.
- ECGBERHT (Egbert), king of the West Saxons, VII. 695; VIII. 282.
- ECHELLENSIS, Abraham, Maronite, VII. 622.
- ECHIDNA, genus of monotrematous mammals, VII. 628; XV. 378.
- ECHINIDEA, order of Echinodermata, VII. 629.
- ECHINOCACTUS, group of Cactaceæ, IV. 625.
- ECHINODERMA, in Lankester's classification, XXIV. 813.
- ECHINODERMATA, VII. 629; embryology of, XX. 419; reproduction, XX. 409; skeletal structures, XXII. 106; distribution, VII. 278, 283; Agassiz on fossil forms, I. 275.
- ECHINOPSIS, group of Cactaceæ, IV. 625, 626.
- ECHINORHINUS, genus of sharks, XXI. 778.
- ECHINORHYNCHUS GIGAS, parasite of the pig, XXIV. 206.
- ECHINOTRICH, genus of rodent mammals, XVII. 6.
- ECHINUS, in architecture, II. 464.
- , genus of Echinodermata, VII. 629, 631; fisheries, Italy, IX. 268.
- ECHIS, genus of snakes, XXII. 199; XXIV. 247.
- ECHO, in Greek mythology, VII. 640.
- , in acoustics, I. 107.
- , Porch of, at Olympia, Greece, XVII. 769.
- ECHTERNACH, town, Luxemburg, XV. 87.
- ECHUCA, town, Victoria, Australia, XXIV. 215.
- ECIJA, town, Spain, VII. 641; XXI. 708.
- ECITON, foraging ant, II. 97.
- ECK, Johann Maier von, opponent of Luther, VII. 641; XV. 73.
- ECKERMANN, John Peter, German writer, VII. 641.
- ECKERSBERG, Carl Vilhelm, Danish painter, VII. 641.
- ECKHART, Johannes, German mystic, VII. 642; X. 526; XVII. 132; XXIII. 278; on the nature of God, XXIII. 241.
- ECKHEL, Joseph Hilarius, German numismatist, VII. 643.
- ECKHOF, C., German dramatist, VII. 441.
- ECKHOLD'S OMNIMETER, theodolite, XXII. 719.
- ECKMÜHL, Bavaria, Battle of (1809), III. 133.
- ECLAMPsia, disease, XVIII. 391.
- ECCLECTICISM, in Greek philosophy, XXI. 380; of the Stoics, XXII. 571; Jouffroy's, XIII. 754.
- ECCLECTIC PHILOSOPHY, VII. 643.
- ECCLECTUS, genus of birds, XV. 7.
- ECLIPSE, ECLIPSES, of the sun, II. 788, 802; XIV. 581; XXII. 650; records of, by the Assyrians, III. 191; by the Chinese, II. 745; predicted by Thales, XXIII. 217; of the moon, II. 802.
- ECLIPSE, race horse, XII. 184.
- ECLIPTIC, apparent path of the sun, II. 771; obliquity of, II. 794; change in obliquity, X. 216.
- ECLOGUE, in literature, XVIII. 345.
- ECLOGUES, of Virgil, XXIV. 251.
- ECNA, ancient learned class in Ireland, v. 303.
- ÉCOLE DES FEMMES, Molière's play, XVI. 628.
- ÉCOLE POLYTECHNIQUE, Paris, XXIII. 851.
- ÉCOLE PRATIQUE DES HAUTES ÉTUDES, Paris, XXIII. 851.
- ECONOMICS, or Political Economy, XIX. 346.
- ECONOMITES, American communistic society, VI. 216.
- ECSTASY, nervous disorder, VII. 644.
- ECTHYMA, skin disease, XXII. 123.
- ECTODERM, layer of animal tissue, II. 51; XII. 4.
- CELLS, XIX. 14.
- ECTOPARASITES, in Leuckart's classification, XVIII. 261.
- ECTOPLASM, in histology, XII. 4.
- ECTOPROCTA, subclass of Polyzoa, XIX. 436.
- ECUADOR, state, South America, VII. 644; I. 712; liberation of, by Bolivar, IV. 8; forests of, IX. 406.
- ECUMENICAL COUNCILS, of the church, VI. 510.
- ECZEMA, skin disease, XXII. 122; mercurial preparations used for, XVI. 34.
- EPIZOOTICA, cattle disease, XVII. 60.
- EDAM, town, Holland, VII. 649.
- EDAY, island, Orkney, Scotland, XVII. 846.
- EDCHMIADZIN (Etchmiadzin), town, Russia, VIII. 566; XXIII. 515.
- EDDA, collections of Icelandic literature, VII. 649; XII. 622; XXI. 368; Snorro's, XXII. 201.
- EDDYSTONE LIGHTHOUSE, in English Channel, XIV. 615.
- EDE, town, West Africa, XXIV. 754.
- EDELINCK, Gerard, Flemish engraver, VII. 651.
- EDEN, Garden of, VII. 651; I. 135; XVI. 51.
- , Ashley, English envoy to Bhutan, III. 632.
- , Hon. Emily, English authoress, VII. 652.
- , George, earl of Auckland, III. 68.
- , William, Lord Auckland, III. 68.
- EDENTATA, order of mammals, VII. 652; XV. 372, 383.
- EDER, J. M., on photography, XVIII. 822.
- EDESSA, town, Macedonia, VII. 652; XV. 137.
- (Orfa), town, Turkey in Asia, VII.

- 652; xvi. 47; language of, xxi. 649; massacre of (1144), xv. 18; schools and writers of, xxii. 830.
- EDESSA, Latin principality of, vi. 625.
- EDEYEN, sand-dunes, Sahara, Africa, xxi. 149.
- EDFU, or Edfoo, town, Upper Egypt, vii. 653, 783; temple at, ii. 389.
- EDGAR, king of Northumbria, viii. 286; xvii. 571.
- , king of Scotland, xxi. 481.
- EDGEHILL, England, Battle of (1642), viii. 347.
- EDGE TOOLS, xi. 437.
- EDGEWORTH, Maria, novelist, vii. 653.
- , Richard Lovell, writer and mechanic, vii. 655.
- EDGYTH, wife of Harold II. of England, xi. 487.
- EDIBLE BIRDS' NESTS, xxii. 760.
- EDICT OF NANTES (1598), ix. 564; xix. 695; revocation of (1685), iv. 743; ix. 579.
- EDICT OF RESTITUTION, of the emperor Ferdinand (1629), iii. 125.
- EDICTS, in Roman law, xx. 697, 704.
- EDINBURGH, county, Scotland, vii. 656; area and population, xxi. 528; representation, xxiii. 727; coalfield, vi. 54.
- , metropolis of Scotland, vii. 659; population, xxi. 528; origin of the name, vii. 691; xv. 10; treaty of (1560), xxi. 502; abattoirs, i. 7; libraries, xiv. 522, 542; newspapers, xvii. 422; observatory, xvii. 710; university, xxiii. 846, 854.
- REVIEW, its history, xiii. 617; its influence in English literature, viii. 434; Macaulay's contributions to, xv. 126; Brougham's connexion with, iv. 375; Sydney Smith's, xxii. 177; John Wilson's, xxiv. 592.
- EDINGTONITE, mineral, xvi. 423.
- EDIRNEH (Adrianople), province, Turkey in Europe, xxiii. 653.
- EDISON, Thomas Alva, his contributions to telephony, xxiii. 129, 132.
- EDISTO INLET, South Carolina, U.S.A., xxii. 287.
- EDMER (Eadmer), English ecclesiastic and historian, vii. 589.
- EDMONDSON, William, Irish Quaker, xx. 152.
- EDMONTON, Fort, Canada, xv. 490.
- EDMUND, St, archbishop of Canterbury, vii. 668.
- , king of East Anglia, vii. 669.
- I., II., kings of the West Saxons, England, vii. 669.
- , Swedish king, xxii. 745.
- CROUCHBACK, earl of Lancaster, xiv. 255.
- EDOM, or Esau, son of the patriarch Isaac, viii. 533.
- , or Idumea, district south of Palestine, xii. 699.
- EDOMITES, of Scripture, xiii. 397; xvi. 533; xvii. 702; xviii. 175.
- EDRENEH (Adrianople, *q.v.*), town, Turkey in Europe, i. 166.
- EDRIOASTERIDA, order of Echinodermata, vii. 638.
- EDRIOPHTHALMIA, division of Crustacea, vi. 658.
- EDRIS, town, Morocco, xvi. 834.
- EDRISI, or Idrisi, Arabian geographer, vii. 669; x. 177.
- EDUCATION, History of, vii. 670; physical, xi. 348; technical, xxiii. 105; laws relating to, vii. 679; in relation to the poor laws, xix. 476; in the Middle Ages, xxiii. 831; effects of the Renaissance on, xx. 386; Bell and Lankester's system of, iii. 540; xiv. 257; communistic theories of, vi. 213; Condillac's theory of, vi. 253; Froebel's advancement of, ix. 792; Locke's views on, xiv. 757; Plutarch's, xix. 233; Socrates's theory of, xxii. 236; Trotzendorff's system, xxiii. 589; in Belgium, iii. 518; at Berlin, iii. 596; of British army, ii. 584; in Canada, iv. 780; in European countries, viii. 710; in France, ix. 512; in Germany, x. 470; in India, xii. 774; in Italy, xiii. 460; at London, xiv. 834; at Paris, xviii. 280; in Prussia, xx. 17; in Russia, xxi. 71; in United States, xxiii. 828; Cousin's reports on, vi. 523; Locke's works on, xiv. 756; Milton on, xvi. 330; societies for promotion of, xxii. 226.
- EDWARD, or Eadward, I., early English king, vii. 681; viii. 284.
- II., early English king, vii. 681; viii. 286.
- III., the Confessor, early English king, vii. 681; viii. 289.
- I., king of England, vii. 682; viii. 311; his power in Ireland, xiii. 260; parliament under, xviii. 304; his claims to the Scottish crown, xx. 592; xxi. 486.
- II., of England, vii. 683; viii. 313; state of Ireland under, xiii. 260; his relations with Scotland, xx. 594; xxi. 488.
- III., of England, vii. 683; viii. 314, 318; xiv. 255; his connexion with institution of the Order of the Garter, xiv. 122; Ireland under, xiii. 260; parliament in time of, xviii. 305; his relations with Scotland, xxi. 489; with William of Wykeham, xxiv. 585.
- IV., of England, vii. 684; viii. 327; xv. 536; xxiv. 381, 752.
- V., of England, vii. 685; viii. 328.
- VI., of England, vii. 685; viii. 338.
- , the Elder, king of Northumbria, xvii. 570.
- , king of Portugal, xix. 544.
- EDWARD, the Black Prince, vii. 686; viii. 319; in France, ix. 547.
- EDWARDES, Sir Herbert Benjamin, English general and administrator, vii. 687.
- EDWARDS, Bryan, English historian, vii. 688.
- , George, English antiquary and ornithologist, vii. 688; on birds, xviii. 5.
- , Jonathan, American theologian, vii. 688; i. 720.
- , Richard, English musician and dramatist, vii. 691.
- EDWIN, king of Northumbria, vii. 691; xvii. 569.
- EDWY, Eadwig, or Edwin, the Fair, king of the West-Saxons, England, vii. 692; viii. 286.
- ECKHOUDT, Gerbrand van den, Dutch painter, vii. 692.
- EECLOO, town, Belgium, vii. 692.
- EEL, fish, vii. 692; xii. 694; angling for, ii. 43.
- , Sand, fish, xxi. 257.
- PIE ISLAND, Twickenham, England, xxiii. 673.
- EFFEN, Justus van, Dutch writer, xii. 96.
- EFFIGIES, Monumental, vii. 694; in Temple Church, London, xxi. 558.
- EFIK, African tribe and language, iv. 649.
- EFREMOFF, town, Russia, xxiii. 605.
- EGBALAND, state, West Africa, i. 9.
- EGBERT, king of the West-Saxons, England, vii. 695; viii. 282.
- EGBO, African secret society, iv. 649.
- EGEDE, Hans, Norse missionary to Greenland, vii. 695; xvii. 590.
- , Paul, missionary in Greenland, vii. 696.
- EGEDESMINDE, district, Greenland, xi. 170.
- EGER, river, Bohemia, vii. 825.
- , town, Bohemia, vii. 696.
- (Erlau), town, Hungary, viii. 525.
- EGERBRUNNEN (Franzensbad), watering-place, Bohemia, ix. 724.
- EGERDIN (or EGERDIR) GÖL, lake, Asia Minor, ii. 709; xix. 130.
- EGERTON, Francis, third duke of Bridgewater, iv. 342; his canals, iv. 783.
- , Francis, first earl of Ellesmere, viii. 148.
- EGESTA (Segesta), ancient town, Sicily, xxi. 622.
- EGFRID, king of Northumberland, xvii. 570.
- EGG, EGGS, vii. 696; as an article of diet, vii. 201; of birds, iii. 772; of bees, iii. 494; of fishes, xii. 660; of reptiles, xx. 463; xxii. 192; xxiii. 456.
- , or Germ-Cell, in embryology, viii. 163.
- , Augustus Leopold, English painter, vii. 697.
- EGGA, town, Soudan, Africa, xxii. 279.

EGG-BIRD, XXIII. 189.

EGG-EATER, snake, XXII. 194.

EGGERTZ, on iron and steel, XIII. 282.

EGG OIL, XVII. 744, 747.

EGG PLANT, XII. 282.

EGGS, VII. 696. See Egg.

EGIDIO (Giles), St. x. 595.

EGINA, or Ægina (*q.v.*), island, Greece, I. 180.

EGINHARD, biographer of Charlemagne, VII. 697.

EGLANTINE, sweet brier, VII. 698.

EGLINTON, Thirteenth Earl of, VII. 699.

— CASTLE, Ayrshire, Scotland, XIV. 77.

EGMONT, or Egmond, Lamoral, Count of, VII. 699.

—, Goethe's play, x. 730.

—, Mount, New Zealand, XVII. 466.

EGMORE, suburb of Madras, India, xv. 188.

EGO, in psychology, xx. 39, 70, 83; in Schleiermacher's system, XXI. 412.

EGORIEVSK, town, Russia, XXI. 116.

EGRET, bird, xi. 761.

EGYPT, country, Africa, VII. 700 (index, 788); I. 266; antiquity of the dynasties, II. 117; contests with Assyria, III. 187; relations with ancient Persia, XVIII. 571, 574, 579, 580; with the Philistines, XVIII. 757; conquest of, by Cambyzes (525 B.C.), IV. 733; XVIII. 567; by Alexander (332 B.C.), I. 482; xv. 140; Hellenism in, xv. 143; acknowledges suzerainty of Rome (168 B.C.), XX. 751, 754; conquest of, by the Arabs (640), I. 778; II. 257; by the Turks (1517), XXIII. 643; French expedition to (1798), IX. 611; Napoleon I. in, XVII. 200; plague in, XIX. 166; agriculture of, I. 291; architecture, II. 384; armies, II. 559; birds, III. 758; caste in, v. 192; coins of, XVII. 650; Copts' of, VI. 354; cosmogonies, VI. 447; methods of embalming the dead, VIII. 158; glass-making, x. 647; hieroglyphics, I. 605; XI. 794; language, XI. 794; XVIII. 778; XXI. 642; libraries, XIV. 509, 549; monachism in, I. 23; XVI. 698, 699; mummies, XVII. 20; mythology, XVII. 150; pottery, XIX. 603; pyramids, XX. 122; religions, XXIII. 236; ships and vessels, XXI. 805; wall-paintings, XVII. 39; weights and measures, XXIV. 490; cotton supply, VI. 484; opium cultivation, XVII. 792; railways, XX. 252.

EGYPTIAN ASTRONOMY, II. 744.

EGYPTIAN DRAMA, VII. 403.

EGYPTIAN LANGUAGE, VII. 721; XI. 794; XVIII. 778; its relation to Semitic languages, XXI. 642; dictionaries of, VII. 192.

EGYPTIAN LITERATURE, VII. 721.

EHLITE, mineral, XVI. 406.

EHRENBERG, C. G., on the Rotifera, XXI. 4.

EHRENBREITSTEIN, town, Rhenish Prussia, VII. 788.

EHRENSVÄRD, Karl August, Swedish critic, XXII. 757.

EHSTS (Esthonians, *q.v.*), people, Russia, XIV. 724.

EIBENSTOCK, town, Saxony, VII. 788.

EICHENDORFF, Joseph, Freiherr von, German poet, VII. 788; x. 542.

EICHHOLZHEIM, Castle of, Mannheim, Germany, xv. 494.

EICHHORN, Johann Gottfried, German Biblical critic, VII. 788; xx. 290.

—, Karl Friedrich, German jurist, VII. 789; his relations with Savigny, XXI. 326.

EICHSTÄDT, town, Bavaria, VII. 789.

EIDER, marine duck, VII. 789; XIX. 252.

—, river, Schleswig-Holstein, XXI. 414.

EIDOGRAPH, instrument for surveying, XXII. 721.

EIDOPHUSICON, panoramic invention of De Louthembourg, VII. 52.

EIFEL, plateau, Rhenish Prussia, XX. 20.

EIKON BASILIKE, controversy as to its authorship, v. 407; x. 109.

EIKONOKLASTES, Milton's pamphlet, XVI. 332.

EILDON HILLS, Scotland, XXI. 34.

EILENBURG, town, Prussia, VII. 790.

EILETHYIA, ruined town, Egypt, VII. 736, 782.

EILSEN, Germany, mineral water of, XVI. 435.

EIMAK, tribe, Afghanistan, I. 235.

EIMBECK, or Einbeck, town, Prussia, VII. 790.

EIMEO, island, Tahiti Archipelago, Pacific, XXIII. 22.

EINBECK, town, Prussia, VII. 790.

EINHARDUS (Eginhard), biographer of Charlemagne, VII. 697.

EINSIEDELN, town, Switzerland, VII. 790; XXI. 465.

EION, port, Macedonia, xv. 137.

EISENACH, town, Germany, VII. 790; XXI. 349.

EISENBERG, town, Germany, VII. 790; XXI. 347.

EISENBURG, county, Hungary, VII. 790.

EISENNICKELKIES, mineral, XVI. 392.

EISENSTADT, town, Hungary, VII. 790.

EISFELD, town, Germany, XXI. 348.

EISLEBEN, town, Prussia, VII. 791.

EISTEDDFOD, Welsh bardic congress, VII. 791; III. 370.

EISTHALER THURM, mountain, Austria, III. 116.

EJECTMENT, in English law, VII. 792.

EJIGBO, town, West Africa, XXIV. 754.

EKATERINBURG, town, Asiatic Russia, VII. 793; XVIII. 550; XXII. 11; XXIV. 6; thunderstorms at, XVI. 128.

EKATERINODAR, town, Russia, VII. 793; XIV. 150.

EKATERINOSLAFF, government, Russia, VII. 793; XXI. 69; town, VII. 794.

EKATERINSTADT, village, Russia, XVII. 504.

EKBATANA (Ecbatana, *q.v.*), ancient town, Media, VII. 621.

EKDALAH, town, India, x. 112, 115.

EKERSBERG, Danish painter, VII. 93.

EKHMIN, town, Upper Egypt, VII. 794.

EKREM BEY, Turkish poet, XXIII. 657.

EKRON, town of the Philistines, VII. 794; XVIII. 755.

EL, Phœnician deity, XVIII. 803.

ELABUGA, town, Russia, XXIV. 303.

ELÆOLITE, mineral, XVI. 412.

ELÆOPTENE OIL, XVII. 747.

ELAGABALUS (Heliogabalus), Roman emperor, XI. 632.

ELAIS GUINEENSIS, source of palm oil, XVIII. 190.

EL AKSA, mosque, Jerusalem, XIII. 642.

EL-AKSUR, town, Egypt, xv. 89.

EL-ALTAR, mountain, Ecuador, VII. 645.

ELAM, province, ancient Persia, VII. 794; III. 185; XIV. 68.

ELAND, antelope, VII. 796; II. 101; xv. 432.

ELANUS, genus of birds, XIV. 104.

ELAPS, genus of snakes, XXII. 193, 196.

EL-ARAISH, town, Morocco, VII. 796.

EL ARISH, town, Syria, capitulation of (1800), v. 74; taken by Napoleon (1799), XVII. 201.

EL-ASEE (Amr b. al-As, *q.v.*), Arab conqueror of Egypt, VII. 749.

EL-ASMAI, Arabic writer, II. 713.

ELASMODON, genus of ungulate mammals, xv. 425.

ELASMOGNATHUS, genus of ungulate mammals, xv. 428; XXIII. 56.

ELASMOSAURUS, fossil reptile, XIX. 220.

ELASTICITY, VII. 796; XXII. 595, 598, 603; of metals, XVI. 65, 378; coefficient of, VI. 311; modulus of, IV. 287; XXII. 595; in relation to sound, I. 101.

ELASTIC SOLID, Dynamics of, xv. 743.

ELATEA (Cithæron), mountain, Greece, v. 794.

ELATERITE, mineral, XVI. 428.

ELATER LINEATUS, wheat pest, XXIV. 536.

ELATERUM, drug, VII. 825; VI. 688.

ELATH, of Scripture, I. 434.

ELATMA, town, Russia, XXIII. 41.

ELATO, mountain, Cephalonia, Greece, v. 344.

ELATOBANCHIA, group of Mollusca, XVI. 684.

ELAVER (Allier), river, France, I. 585.

ELBA, island, Mediterranean, VII. 825; XIII. 440; Napoleon at (1814), XVII. 222.

ELBE, river, Germany, VII. 825; x. 449; in Austria, III. 116.

ELBE-DUES, of Stade, XXII. 439.

- ELBERFELD, town, Rhenish Prussia, VII. 826; XX. 16.
- ELBEUF, town, France, VII. 826; XXI. 626.
- ELBING, town, Prussia, VII. 826.
- ELBODUS, or Elbotus, bishop of North Wales, XVII. 332.
- ELBOW JOINT, Anatomy of the, I. 838.
- ELBRUZ, or Elburz, mountain, Caucasus, V. 252; XXIII. 186.
- EL-BURULLUS, lake, Egypt, VII. 709.
- ELBURZ, mountain range, Persia, XV. 651; XIII. 395.
- EL CARMEN, town, Mexico, XXIV. 758.
- ELCHE, town, Spain, VII. 827.
- ELCHINGEN, Duke of (Ney), French general, XVII. 472.
- ELDAD BEN MALCHI, Jewish traveller, VII. 827.
- ELDER, ecclesiastical officer, VII. 827; XIX. 674, 724; Jewish, XXII. 812.
- , tree, VII. 828.
- ELDON, Earl of, lord chancellor of England, VII. 828.
- EL DORADO, mythical country, South America, VII. 830; Raleigh's expedition to, XX. 262.
- ELEAN DIALECT, of Greek, XI. 132.
- ELEANOR, wife of Henry II. of England, VIII. 1; IX. 539.
- ELEATIC SCHOOL, of philosophy, VIII. 1; logic of, XIV. 784; philosophy of, XVI. 80; XVIII. 315; XXIV. 719, 779.
- ELECAMPANE, plant, VIII. 2.
- ELECTIONS, Parliamentary and municipal, VIII. 2; British, XVIII. 313; corrupt practices at, IV. 279; voting by ballot, III. 289; petitions against returns, XVIII. 705.
- ELECTOR, The Great (Frederick William), of Brandenburg, IX. 733; XX. 6.
- ELECTORS, Parliamentary, Registration of, XX. 344.
- ELECTRA, of Greek legend, XVII. 827.
- , Euripides's play, VIII. 677.
- ELECTRIC CLOCKS, VI. 25.
- ELECTRIC EARTH CURRENTS, XVI. 178, 183.
- ELECTRIC FISHES, VII. 694; XII. 649, 694; XX. 299; XXII. 68.
- ELECTRICITY, VIII. 3 (index, 105); as a physical science, XIX. 3; atmospheric, XXIII. 329; its connexion with the aurora, III. 96; blasting by, III. 810; XVI. 446; mechanical power of, XV. 773; in minerals, XVI. 376; its effect on the motor nerve, XIX. 24; Ohm's law, XVII. 738; Peltier effect, XVIII. 481; propulsive force of, on railways, XX. 249; contributions to the science by *Æpinus*, I. 183; by *Ampère*, I. 749; by *Canton*, V. 39; by *De La Rive*, VII. 41; by *Franklin*, IX. 712; by *Sir Wm. Harris*, XI. 494; by *Henry*, XI. 675; by *Clark Maxwell*, XV. 647; by *Plücker*, XIX. 229; by *Siemens*, XXII. 38; by *Volta*, XXIV. 284; electrical societies, XXII. 225.
- ELECTRIC LAMPS, VI. 73; XIV. 632.
- ELECTRIC LIGHT, VIII. 58; XIV. 630; discovery of, VIII. 4; use of, in light-houses, XIV. 627; in mines, XVI. 461.
- ELECTRIC LIGHTING, XIV. 630.
- ELECTRIC MACHINES, for traction, XXIII. 494.
- ELECTRIC PEAK, Wyoming, U.S.A., XXIV. 737.
- ELECTRIC RAILWAYS, XX. 249.
- ELECTRIC TELEGRAPH, XXIII. 112; anticipation of, by *Ampère*, I. 749.
- ELECTRIC TRACTION, XXIII. 495, 508.
- ELECTRIC TRAMWAY, XXIII. 495, 508.
- ELECTRO-BIOLOGY, XV. 277.
- ELECTRO-CHEMICAL EQUIVALENTS, VIII. 13, 112.
- ELECTRO-CHEMISTRY, Davy's contributions to, VI. 846.
- ELECTRODYNAMICS, VIII. 105.
- ELECTROGILDING, VIII. 116; *De La Rive's* discovery of, VII. 41.
- ELECTROLYSIS, VIII. 106; as related to diffusion, VII. 219; theories of, VIII. 13.
- ELECTROLYTE, VIII. 46, 107.
- ELECTROMAGNET, XIV. 631; XV. 226, 240, 246; power of, XV. 274.
- ELECTROMAGNETIC ENGINES, VIII. 10.
- ELECTROMAGNETIC THEORY OF LIGHT, XXIV. 422, 450.
- ELECTRO-MAGNETISM, VIII. 66; Faraday's discoveries in, IX. 30; functions of æther in, VIII. 571.
- ELECTRO-METALLURGY, VIII. 114.
- ELECTROMETER, VIII. 117; XXIII. 117; Volta's, XXIV. 284.
- ELECTROMOTIVE FORCE, VIII. 83.
- ELECTROPHORUS, Volta's instrument, VIII. 101; XXIV. 284.
- ELECTROPLATING, VIII. 116; nickel, XVII. 488.
- ELECTROSCOPE, VIII. 118; dry pile, VIII. 121.
- ELECTROSTATICS, VIII. 24; history of, VIII. 14.
- ELECTROSTATIC UNIT, VIII. 22.
- ELECTROTYPES, VIII. 115.
- ELECTROTYPING, Process of, XXIII. 703; of maps, XXII. 715.
- ELECTRUM, mineral, XVI. 383; in coins, XVII. 630.
- ELEGIT, in law, XXIV. 696.
- ELEGY, form of poetry, XIX. 273; Greek, XI. 138.
- , Gray's poem, XI. 77.
- ELEIA (*Elis, q.v.*), country, ancient Greece, VIII. 139.
- EL-ELFEE (Mohammed Bey), Egyptian leader, VII. 761.
- ELEMÉ, Smyrna raisins, XX. 258.
- ELEMENTS, Chemical, with list, V. 467.
- ELEMI, resin, VIII. 122; as incense, XII. 718.
- ELEONORITE, mineral, XVI. 405.
- ELEPHANT, ungulate mammal, VIII. 122; XV. 350, 423; of Ceylon, V. 363; of India, XII. 741; tusks of, XIII. 520.
- ELEPHANTA ISLE, India, VIII. 126.
- ELEPHANTIASIS, disease, VIII. 126; XIV. 468; in Polynesia, XIX. 422.
- ELEPHANT'S ISLAND, West Africa, X. 59.
- ELEPHAS PRIMIGENIUS, fossil mammal, XV. 447.
- ELETS, town, Russia, XVII. 826.
- ELEUSINIA, Greek festival, VIII. 126; celebration of mysteries at, XVII. 124; pilgrimages to, XIX. 91.
- ELEUSIS, town, Attica, VIII. 128; plain of, III. 59.
- ELEUTHERA ISLAND, West Indies, III. 236.
- ELEUTHEROPOLIS, ancient town, Palestine, VIII. 128.
- ELEUTHERUS, river, Syria, XXII. 821.
- ELEUTHS, Mongol tribes, XVI. 744.
- ELEVATED RAILROAD, New York, XVII. 465; XX. 240.
- ELEVATOR, lifting apparatus, XIV. 573; for blast furnaces, XIII. 301; hydraulic, XII. 520.
- ELFRIDA, Mason's tragedy, XV. 611.
- ELFSBORG, county, Sweden, XXII. 741.
- EL-FUSTAT, ruined town, Egypt, VII. 770.
- EL-GEEZEH, or Ghizeh, Pyramids of, II. 385; VII. 770; XX. 123.
- ELGIN, county, Scotland, VIII. 129; area and population, XXI. 528; representation, XXIII. 727; town, VIII. 130.
- , town, Illinois, U.S.A., XII. 706.
- , Seventh Earl of, collector of Elgin Marbles, VIII. 131.
- AND KINCARDINE, Earl of, governor-general of India, VIII. 131; his treaty with China (1858), V. 652.
- MARBLES, British Museum, II. 356; VIII. 131.
- ELGIVA, wife of Edwy, king of the West Saxons, England, VII. 692.
- EL-GOLEA, town, Algeria, VIII. 133.
- EL GRAO, town, Valencia, Spain, XXIV. 34.
- EL GRECO (*Domenico Theotocopuli*), painter, XI. 80.
- EL-HADDAD, chief of the Kabyles, I. 569.
- EL-HAMRA, town, Egypt, VII. 775.
- EL-HASA, province, Asiatic Turkey, XXIII. 653.
- EL-HASAN (*Alhazen*), Arab mathematician, I. 572; on optics, XIV. 578.
- ELI, priest and judge of Israel, VIII. 133.
- ELIA, Essays of, by C. Lamb, XIV. 235.
- ELIAS (*Elijah, q.v.*), Hebrew prophet, VIII. 134.
- , patriarch of Antioch, Syriac writer, XXII. 841.
- , bishop of Merv, Syriac writer, XXII. 843.
- , Nestorian patriarch, Syriac writer, XXII. 849.

ELIAS of Al-Anbar, Syriac writer, XXII. 849.

—, Ney, on the Grand Canal, China, v. 631.

— BAR SHINAYA, Syriac writer, XXII. 850.

— LEVITA, Jewish rabbi, VIII. 133.

—, Mount, Thera, Greece, XXIII. 280.

ELIASITE, mineral, XVI. 388.

ELIBERITANUS (Johannes Leo), Moorish geographer, XIV. 453.

ELICIUS, epithet of Jupiter, XIII. 780.

ÉLIE DE BEAUMONT, J. B. A. L. L., French geologist, VIII. 134.

ELIJAH, Hebrew prophet, VIII. 134; XIII. 407; XIX. 816.

ELIMINATION, in equations, VIII. 497.

ELIOT, Sir John, English statesman, VIII. 138.

—, John, apostle of the Indians, VIII. 136; XVI. 514; XVII. 243.

ELIS, country, ancient Greece, VIII. 139; XVII. 766; coins of, XVII. 643; town, VIII. 140.

ELISA (Dido), queen of Carthage, VII. 196.

ELISABETHENKIRCHE, church at Marburg, Prussia, XV. 530.

ELISABETHPOL, government, Transcaucasia, Russia, XXIII. 513.

ELISABETHSTADT, part of Pesth, Hungary, XVIII. 691.

ELISHA, Hebrew prophet, VIII. 140; XIII. 407; XIX. 816.

ELIZABETH, queen of England, VIII. 142, 340; her relations with the earl of Essex, VIII. 556; with the earl of Leicester, XIV. 425; with Raleigh, XX. 262; her treatment of Mary, queen of Scots, XV. 599; excommunication of, by Pius V., XIX. 154; state of Ireland under, XIII. 263; parliament under, XVIII. 307; her embassy to Russia, XXI. 93; her interference in Scottish affairs, XXI. 502, 507.

—, St. of Hungary, VIII. 145; founder of convents, XVII. 132; her tomb, XV. 530.

— of Schönau, mediæval mystic, XVII. 132; XXIV. 13.

—, or the Exiles of Siberia, Cottin's work, VI. 481.

—, town, New Jersey, U.S.A., VIII. 145; XVII. 397.

— FARNESE, wife of Philip V. of Spain, IX. 36; XXII. 337.

— PETROVNA, empress of Russia, VIII. 145; XXI. 98.

ELIZABETHGRAD, town, Russia, VIII. 146.

ELIZABETHPOL, town, Russia, VIII. 146.

EL-JEZIREH, plain, Mesopotamia, III. 183.

EL-JĪB (Gibeon), town, Palestine, x. 583.

ELK, or Moose Deer, VII. 24, 25; Irish, extinction of, II. 336; of Norway, XVII. 581.

EL-KAHIREH, or Cairo, town, Egypt, IV. 645; VII. 751, 769.

EL-KAMIL, sultan of Egypt, VII. 754.

EL-KARN, lake, Egypt, VII. 709, 774.

EL-KARNAK, Egypt, Temple at, VII. 777.

EL-KATIF, town, Arabia, XIV. 15.

EL-KEFF, or Kef, town, Tunis, XIV. 27; XXIII. 620.

ELKESAITES, eastern sect, XXI. 128.

EL-KHALIL, or Hebron, town, Palestine, XI. 608.

ELKHORN, river, Nebraska, U.S.A., XVII. 307.

EL-KINDI, Arab Christian apologist, XXII. 848.

ELKINGTON, his plan of draining, I. 33.

ELK-MOUNTAINS, Colorado, U.S.A., VI. 161; XXIII. 796.

ELKOSH, birthplace of Nahum, XVII. 165.

EL-KUDS, Arabic name of Jerusalem, XIII. 636.

EL-KURNEH, ruined village, Egypt, VII. 779.

ELLENBOROUGH, Earl of, governor-general of India, VIII. 146; XII. 807.

—, Lord, chief justice of England, VIII. 146.

ELLEN'S PEAK, Western Australia, XXIV. 507.

ELLESMERE, lake, England, XXI. 847; town, XXI. 848.

—, Earl of, English litterateur, VIII. 148.

ELLICE ISLANDS, Polynesia, XIX. 420.

ELLICHPUR, district, India, VIII. 148.

ELLIOT, D. G., on North-American birds, XVIII. 11.

—, Sir Gilbert, earl of Minto, British statesman, XVI. 492.

ELLIOTSON, John, English physician, VIII. 148.

ELLIOTT, Ebenezer, corn-law rhymer, VIII. 149.

ELLIPSE, in geometry, VI. 275; x. 398; mensuration of, XVI. 19.

ELLIPSOIDS OF REVOLUTION, Legendre on attractions of, XIV. 414; MacLaurin on, XV. 162; magnetic experiments on, XV. 255.

ELLIPTIC FUNCTIONS, XIII. 58; Landen's theorem, XIV. 271; tables connected with, XXIII. 14.

ELLIPTICITY OF THE EARTH, VII. 600.

ELLIPTIC MOTION, in mechanics, XV. 685.

ELLIS, Alexander J., his palæotype alphabet, I. 608. See also XXII. 381.

—, George, English writer, VIII. 150.

—, G. J. Welbore Agar, Lord Dover, VII. 381.

—, G. V., his Demonstrations of Anatomy, I. 817.

—, Sir Henry, English antiquary, VIII. 150.

ELLIS, William, English missionary, VIII. 150.

— ISLAND, New York, U.S.A., XVII. 459.

ELLMAN, John, improver of Southdown sheep, I. 392.

ELLOR, town, India, VIII. 151.

ELLORA, town, India, VIII. 151; cave temple at, II. 394, 395.

ELLRIG, Loch, Scotland, XXII. 553.

ELLSWORTH, town, Maine, U.S.A., VIII. 151.

—, Oliver, American chief justice, XXIII. 748.

ELLUR (Ellor), town, India, VIII. 151.

ELLWOOD, Thomas, English theological writer, VIII. 151; XVI. 335.

ELM, tree, VIII. 151; culture of, II. 317; in United States, XXIII. 808.

EL-MAASARAH, quarries, Egypt, VII. 773.

ELMACIN, or Elmakyn, George, Egyptian historian, VIII. 152.

ELM CITY (New Haven), Connecticut, U.S.A., XVII. 394.

EL-MECHEREF (Berber), town, Egypt, III. 584.

EL-MEDEENEH, town, Egypt, VII. 774.

EL-MENZELEH, lake, Egypt, VII. 709.

ELMES, Harvey Lonsdale, English architect, VIII. 152; XIV. 714.

—, James, English architect, VIII. 152.

ELMINA, town, West Africa, VIII. 152; x. 755.

EL-MINYE, town, Egypt, VII. 774.

ELMIRA, town, New York, U.S.A., VIII. 153; XVII. 457.

EL-MOIZZ, Fatimite caliph, Egypt, VII. 750; XVI. 588.

EL MUDO (J. F. Navarrete), Spanish painter, XVII. 250.

ELNBOGEN, mountain, Germany, XXI. 349.

ELNYA, town, Russia, XXII. 183.

EL-OBEID, town, Kordofan, Africa, VIII. 153.

ELOHIST, of the Old Testament, I. 54; III. 637; XVIII. 506.

ELOHISTIC PSALMS, XX. 30.

ÉLOI, St. bishop of Noyon, VIII. 153.

ELOPURA, town, North Borneo, XXI. 123.

ELOQUENCE, IV. 542. See also article Rhetoric, XX. 508.

EL PASO DEL NORTE, town, Mexico, VIII. 153.

ELPHINSTONE, Mountstuart, Indian statesman, VIII. 153; envoy to Afghanistan, I. 240.

—, William, Scottish bishop and statesman, VIII. 154.

EL RANCHO, mineral spring, New Mexico, U.S.A., XVII. 400.

EL ROSARIO, town, Mexico, VIII. 155.

ELSASS (Alsace, *q.v.*), province, Germany, I. 636.

- EL SINORE, town, Denmark, VIII. 155; population, XXIV. 771.
- ELSTER, Saxony, mineral water of, XVI. 434, 435.
- ELTAVONA (Newark), ancient town, England, XVII. 370.
- ELTHAM, Statutes of, XXI. 36.
— PALACE, Kent, England, XIV. 40.
- ELTON, John, English trader in Persia, XVIII. 643.
- EL-UKSUR (Luxor), Egypt, Temple at, XIII. 89; VII. 776.
- ELULÆUS, king of Tyre, XVIII. 808.
- ELVANS, veins of quartz-porphry, X. 312; XI. 49.
- ELVAS, town, Portugal, VIII. 155; XIX. 537.
- ELVERS, young eels, VII. 693.
- ELVES, fairies, VIII. 854.
- ELVODUGUS, Welsh ecclesiastic, XVII. 332.
- ELY, town, England, VIII. 155.
—, Isle of, district, England, IV. 727.
- ELYMAIS, district, Persia, VII. 794; XIII. 395; XVIII. 592.
- ELYMOI, tribe, Sicily, XXII. 15.
- ELYOT, Sir Thomas, English scholar, VIII. 156.
- ELYSIUM, of Greek mythology, VIII. 156.
- ELYTRA, wings of beetles, VI. 126.
- EL YUNQUE, mountain, Porto Rico, XIX. 532.
- ELZEVR, family of Dutch printers, VIII. 156; their editions of the classics, III. 657.
- EMANATION, Theory of, in philosophy, VIII. 752.
- EMANATIONS, World of, Kabbalistic, XIII. 811.
- EMANCIPATION, in Roman law, XX. 687.
—, of slaves, in Jamaica, XIII. 551; in United States, XXIII. 777. See also article Slavery.
- EMANUEL, or Emmanuel, king of Portugal, VIII. 157; XIX. 545, 547.
— B. SALOMON, Hebrew poet, VIII. 157.
- EMBALLONURIDÆ, family of bats, XV. 412.
- EMBALMING, of dead bodies, VIII. 158; in Egypt, XVII. 20; use of myrrh in, XVII. 121.
- EMBANKMENT, in engineering, VIII. 158; railway, XX. 232; of rivers, XX. 572; of the Mississippi, XVI. 519; for water-works, XXIV. 406.
- EMBARGO, in international law, XIII. 194.
- EMBASSIES, Resident, I. 657.
- EMBDEN, or Emden, town, Prussia, VIII. 169.
- EMBER DAYS AND WEEKS, VIII. 159.
- EMBERIZA, genus of birds, XVII. 534.
- EMBEZZLEMENT, in English law, VIII. 159; XXIII. 232.
- EMBIIDÆ, group of insects, XIII. 152.
- EMBLEMENTS, in English law, VIII. 160; XIV. 274.
- EMBLEMS, of the Physiologus, XIX. 7.
- EMBLEMS, Quarles's book, XX. 159.
- EMBOHITE, mineral, XVI. 384.
- EMBOSSING, VIII. 160.
- EMBRASURE, in fortification, IX. 432.
- EMBROIDERY, pictorial needlework, VIII. 160; lace, XIV. 184; Japanese, XIII. 591.
- EMBRUN, town, France, VIII. 162.
- EMBRYO, of plants, IV. 155.
- EMBRYOLOGY, VIII. 163; rise of the science, XVI. 839; cellular, XXIV. 810; in relation to evolution, VIII. 745; animal, XX. 418; of ascidians, XXIII. 613; of Crustacea, VI. 648; of Mollusca, XVI. 637; of nemertine worms, XVII. 330; of reptiles, XX. 463; of sponges, XXII. 425; of plants, IV. 82.
- EMBRYO-SACS, in plants, XX. 424.
- EMDEN, town, Prussia, VIII. 169.
- EMEER, or Emir, Oriental title, I. 154; II. 249; XVI. 587.
- EMERALD, precious stone, VIII. 170; III. 613; XVI. 418; mines, Colombia, VI. 154.
— HILL, suburb of Melbourne, Victoria, XV. 836.
- EMERALD-NICKEL, mineral, XVI. 399.
- EMERALD TABLE, in alchemy, I. 462.
- ÉMERIC - DAVID, Toussaint - Bernard, French archæologist, VIII. 170.
- EMERSON, Ralph Waldo, American writer, I. 729, 733.
—, William, English mathematician, VIII. 170.
- EMERY, mineral, VIII. 171.
- EMESA (Hems), ancient town, Syria, XI. 649; XXII. 823.
- EMETICS, in medicine, VIII. 171.
- EMETINE, vegetable alkaloid, XIII. 210.
- EMEÜ, bird, VIII. 171; III. 112; XX. 505.
- EMIGRATION, VIII. 173; from England, VIII. 222; from Ireland, XIII. 238.
- ÉMIGRÉS, French, IX. 600; return of, IX. 614.
- ÉMILE, Rousseau's work, XXI. 26.
- EMILIA, Italian dialect of, XIII. 493.
— GALOTTI, Lessing's tragedy, XIV. 481.
- EMILIAN WAY, Italy, XIII. 435; XX. 555.
- EMILIO, Paolo, historian, I. 182.
- EMIR, Oriental title, I. 154; II. 249; XVI. 587.
- EMMA MINE, Utah, U.S.A., XXIII. 815.
- EMMANUEL, king of Portugal, XIX. 545, 547.
— BAR SHAHHARE, Syriac writer, XXII. 849.
— COLLEGE, Cambridge, IV. 731.
— PHILIBERT, prince of Savoy, XXI. 341.
- EMMAUS, village near Jerusalem, VIII. 177.
- EMMERICH, town, Prussia, VIII. 177.
—, Anna Katharina, stigmata of, XXII. 550.
- EMMET, Robert, Irish revolutionist, VIII. 178; XIII. 271.
- EMMET, Thomas Addis, Irish lawyer and revolutionist, VIII. 178.
- EMMIUS, Ubbo, Dutch historian, VIII. 178.
- EMMONITE, mineral, XVI. 398.
- EMODIN, constituent of rhubarb, XX. 530.
- EMONA (Laibach), ancient town, Austria, XIV. 215.
- EMOTIONAL EXPRESSION, pleasurable and painful, in psychology, XX. 43, 72.
- EMOTIONS, Muscular expression of, XIX. 5.
—, Stoic theory of the, XXII. 567.
- EMPEDOCLES, Greek philosopher, VIII. 178; XXII. 16; on evolution, VIII. 756.
- EMPEROR, sovereign title, VIII. 179; XXIII. 417.
—, Roman, in Augustan age, III. 80; XX. 769.
- EMPERORS, Roman, Chronological table of, XX. 781.
- EMPHYSEMA, affection of the lungs, VIII. 180.
- EMPHYTEUSIS, in Roman law, XX. 713.
- EMPIRE, VIII. 181; the first French, XVII. 208; the Holy Roman, X. 484.
— STATE (New York), United States, XVII. 455.
- EMPIRICISM, Greek, in medicine, XV. 802.
- EMPLECTITE, mineral, XVI. 394.
- EMPLOYERS AND WORKMEN, Laws relating to, XIV. 170.
- EMPLOYER'S INSURANCE, XIII. 161.
- EMPLOYER'S LIABILITY, XXIII. 455.
- EMPOLI, town, Italy, VIII. 182.
- EMPYEMA, or Empyæma, medical term, VIII. 182; XIX. 222.
- EMS, town, Prussia, VIII. 182; mineral water of, XVI. 435.
- EMU, or Emeu (*q.v.*), bird, VIII. 171; III. 112.
- EMULSINE, constituent of almonds, IX. 96.
- EMYS, genus of chelonian reptiles, XXIII. 457.
- ENAMEL, glaze on metal, VIII. 182; in jewellery, XIII. 679; niello work, XVII. 494; in pottery, XIX. 601.
- ENANTIOMORPHISM, XIX. 313.
- ENARE, Lake, Russian Lapland, XIV. 305.
- ENARGITE, mineral, XVI. 395.
- ENARIANS, Scythian priests, XXI. 576.
- ENCAUSTIC PAINTING, VIII. 185.
- ENCAUSTIC TILES, VIII. 187; IV. 283.
- ENCEPHALON, Anatomy of the, I. 869.
- ENCHANTMENT, magic, XV. 199.
- ENCHASING, or Chasing, industrial art, VIII. 189.
- ENCHIRIDION ETHICUM, Henry More's work, VIII. 597.
- ENCHONDROMA, disease, XVIII. 370.
- ENCINA, or Enzina, Juan del, Spanish dramatist, VIII. 189; VII. 420; XXII. 356.

- ENCKE, Johann Franz, German astronomer, VIII. 190.
- ENCKE'S COMET, VI. 191.
- ENCOLPIUS, hero of Petronius's *Satiræ*, XVIII. 722.
- ENCOUBERT, edentate mammal, XV. 387.
- ENCRATITES, early Christian sect, II. 217.
- ENCUMBERED ESTATES COURT, Ireland, XIII. 229.
- ENCYCLOPÆDIA, VIII. 190; *Americana*, XIV. 564; *American Cyclopædia*, XX. 568; of *Antiquities*, Fosbroke's, IX. 470; Arabic, of Hajji Khalfa, XI. 376; *Britannica*, history of, VIII. 199; *Metropolitana*, VIII. 204; *Penny Cyclopædia*, XIV. 856; Vincent of Beauvais's, XXIV. 235.
- OF THEOLOGY, theological discipline, XXIII. 272.
- ENCYCLOPÆDIAS, Chinese, V. 663.
- ENCYCLOPÉDIE, The French, VIII. 197; IX. 671; its influence, IX. 593; Diderot's and D'Alembert's contributions to, VII. 194; Voltaire's, XXIV. 292.
- MÉTHODIQUE, of Panckoucke, VIII. 202.
- ENDE, Franz van den, Dutch physician and teacher, XXII. 400.
- ENDEH (Flores), island, Indian Archipelago, IX. 337.
- ENDERBY LAND, South Polar regions, XIX. 330.
- ENDERI (Andreeva), town, Russia, II. 20.
- ENDERLEIN, Gaspar, Swiss metal-worker, XIX. 184.
- ENDICOTT, John, governor of New England, XX. 152.
- ENDIVE, esculent plant, VIII. 205; V. 615; XII. 282.
- ENDOCARDITIS, disease, IX. 554; XX. 517.
- ENDODERM, layer of animal tissue, II. 51; cells, XIX. 14.
- ENDODERMIS, layer of cells in plants, XII. 18.
- ENDOGAMY, marrying within the community, VIII. 619; classes among whom it prevails, V. 187. See also XXIII. 472.
- ENDOPARASITES, in Leuckart's classification, XVIII. 261.
- ENDOPLASM, internal protoplasm, XII. 4.
- ENDOPLASTICA, group of Protozoa, II. 50.
- ENDOR, ancient town, Palestine, VIII. 205.
- ENDOSKELETON, I. 820; XXII. 106, 109.
- ENDOSPERM, reproductive tissue in plants, XX. 430.
- ENDOSPOREA, order of Protozoa, XIX. 840.
- ENDOSPOREÆ, group of Schizomycetes, XXI. 405.
- ENDOTHELIUM, in anatomy, I. 846, 848.
- ENDOTRICHEA, suborder of Protozoa, XIX. 841.
- ENDOWED SCHOOLS ACTS, VIII. 205.
- ENDOWMENTS, Charitable and educational, V. 402.
- ENDRICK, river, Scotland, XXII. 553.
- ENDYMION, of Greek mythology, VIII. 205.
- , Keats's poem, XIV. 23.
- ENEAS, The, romance, XX. 639.
- ENEIT, H. von Veldeke's poem, X. 523.
- ENERGETICS, branch of dynamical science, XIX. 2; applied, in mechanics, XV. 772.
- ENERGY, in physics, VIII. 205; XV. 676, 746; kinetic, XV. 698; potential, XV. 700, 748; conservation of, XVIII. 553; conservation and transformation of, XXIII. 283; conservation of, in relation to radiation of heat, XX. 213; Mohr's enunciation of conservation of, XVI. 607; dissipation of, XXIII. 285; differential equation of, VII. 822; transformation of, in nutrition, XVII. 685; transmissibility of, through ether, VIII. 570; in applied mechanics, XV. 764; of moving molecules, XVI. 612; in liquids, XII. 466; in a wave, XXIV. 415.
- , Bodily, its sources, XIX. 9.
- , Vegetable, XIX. 55.
- ENFANS SANS SOUCI, French actors, IX. 645.
- ENFANTIN, Barthélemy Prosper, French socialist, VIII. 211; XXI. 198; his connexion with Bazard, III. 459.
- ENFIELD, town, England, VIII. 212; small-arms factory at, II. 633.
- , town, Connecticut, U.S.A., VIII. 212.
- , William, English miscellaneous writer, VIII. 212.
- ENFILADE, in fortification, IX. 426.
- ENFLEURAGE, method of extracting perfumes, XIII. 595; XVII. 748; XVIII. 526.
- ENGADINE, valley, Switzerland, VIII. 213; XI. 205.
- ENGAGERS, in Scottish history, XXI. 514.
- ENGEL, Johann Jakob, German writer, VIII. 214; X. 535.
- ENGELBRECHTSDATTER, Dorte, Norwegian poetess, VIII. 214; XVII. 589.
- ENGELBRECHTSSON, Engelbrecht, Swedish patriot, XXII. 746.
- ENGELHARDT, Baron von, his observatory at Dresden, Germany, XVII. 712.
- ENGELMANN, Dr, his refractor telescope, XXIII. 149.
- ENGELS, Friedrich, German socialist, XXII. 210.
- ENGHIEN, France, mineral water of, XVI. 435.
- , Duc d', French prince, VIII. 214; VI. 245; execution of, XVII. 207; XXI. 325.
- ENGIA, island, Greece, I. 180.
- ENGINEER AND RAILWAY TRANSPORT CORPS, XXIV. 295.
- ENGINEERING, VIII. 215; military, IX. 421.
- SOCIETIES, XXII. 226.
- ENGINEERS, Amalgamated Society of, XXIII. 500.
- , Naval, duties of, XVII. 294.
- , Royal, in British army, II. 579.
- ENGINE HOUSES, Railway, XX. 237.
- ENGINES, Air, I. 428; XXII. 522.
- , Gas, XXII. 523.
- , Locomotive, XX. 225, 244; XXII. 520.
- , Marine, XXI. 824; XXII. 517.
- , Steam and other Heat, XXII. 473.
- ENGLAND, Geography and statistics of, VIII. 215 (index, 262); the name, VIII. 263, 283; origin of name, XXI. 476; academies of science, I. 73; of art, I. 78; progress of agriculture, I. 299; architecture, II. 425, 442; army, II. 568; artillery service, II. 659; banking, III. 316; birds, XVIII. 17; census returns, V. 335; coalfields, VI. 49; coins, XVII. 656; colonies, VI. 159; American colonies, I. 708; cotton manufacture, VI. 489; drama, VII. 427; fisheries, IX. 249; marine fishes, XII. 678; forests, IX. 399; government, XI. 12; Jews in, XIII. 684; land tenure in, XIV. 263; language, VIII. 390; legitimacy laws in, III. 426; libraries, XIV. 513, 515, 542; mines, XVI. 467; national debt, XVII. 245; navy, XVII. 287; newspapers, XVII. 413; nobility, XVII. 529; observatories, XVII. 710; parliament, XVIII. 302; parliamentary representation, XXIII. 727; population, XXIII. 727; post office, XIX. 571; railway system, XX. 226; settlements in Asia, II. 701; technical schools, XXIII. 109; shipping trade, XXI. 826; weights and measures, XXIV. 489.
- , History of, VIII. 263 (index, 367); Anglo-Saxons in, XVII. 568; Anglo-Saxon law code, XXI. 215; Danish invasion of, I. 506; its connexion with Normandy, XVII. 539; Norman settlement in, XVII. 548; genealogical table of the Norman kings, XXIV. 576; Reformation in, XX. 327, 337; Cranmer's part in the Reformation, VI. 550; Renaissance period, XX. 392; sweating-sickness in, XXII. 734; taxation and finance, history of, IX. 174; Templars in, XXIII. 163; under coalition ministry (1783), XIX. 139; under Cromwell, VI. 598; in time of Ethelred, VIII. 567; of Fox, IX. 496; of Pitt, XIX. 139; under Walpole, XXIV. 335; union of English and Scottish crowns (1603), XXI. 509; union of parliaments (1707), XXI. 518; Macaulay's History of, XV. 128; Pauli's, XVIII. 433; Polydore Virgil's, XXIV. 255.

- ENGLAND, Church of, VIII. 370; Thirty-Nine Articles of, II. 653; form of baptism in, III. 352; benefices, III. 560; bishops, III. 788; Broad Churchism in, XXII. 453; Convocation, VI. 325; Ecclesiastical Commission, VII. 627; government of, VIII. 247; the king the head of, XIX. 674; liturgy, XIV. 710; music of, XVII. 88; order of precedence in, XIX. 667; Tractarian and Gorham controversies, XXII. 451.
—, Presbyterian Church of, XIX. 685.
— IN TIME OF WAR, Dobell's poem, VII. 307.
- ENGLISH ARCHITECTURE, II. 425, 442.
- ENGLISH BARDS AND SCOTCH REVIEWERS, Byron's, IV. 606.
- ENGLISH BIBLE, VIII. 381. See Bible.
- ENGLISH CHURCH, Early, its national character, VIII. 279.
- ENGLISH CYCLOPEDIA, VIII. 204.
- ENGLISH DRAMA, VII. 427.
- ENGLISH GRAMMAR, XI. 42.
- ENGLISH LANGUAGE, VIII. 390; XVIII. 782, 787; origin of, VIII. 272; accentuation of, I. 81, 82; dialects of, VIII. 400; dictionaries of, VII. 187; infusion of Norman words in, VIII. 299.
- ENGLISH LAW, Codification of, VI. 106.
- ENGLISH LITERATURE, VIII. 403 (index, 435). See also index, VIII. 367.
- ENGLISH MEDIÆVAL MSS., XVIII. 159.
- ENGLISH PEOPLE, Origin of, VIII. 266, 268.
- ENGRAVED PLATES, Invention of printing from, IX. 215.
- ENGRAVING, VIII. 435; of gems, X. 137; of maps, XXII. 715; photo-engraving, XVIII. 834; wood, early, V. 99; XXIII. 683; substitutes for, XXIII. 704; in time of Albrecht Dürer, VII. 554; in Florence in 15th century, IV. 166; Marcantonio's improvements in, XV. 531; Turner's influence on, XXIII. 666.
- ENGROSSING GRAIN, Laws against, VI. 412.
- ENGUERA, town, Spain, VIII. 446.
- ENGURI (Angora), town, Turkey in Asia, II. 45.
- ENHARMONICS, in music, XVII. 79, 91.
- ENHYDRA, genus of carnivorous mammals, XVIII. 69.
- ENKHUIZEN, town, Holland, VIII. 446.
- ENLISTMENT, in British army, VIII. 446.
— ACT, British, II. 574.
— ACTS, Foreign, XIII. 196.
- ENNA (Castro Giovanni), ancient town, Sicily, V. 201.
- EN-NASIR MOHAMMED, sultan of Egypt, VII. 756.
- ENNEADS, of Plotinus, XVII. 335.
- ENNEMOND, St, archbishop of Lyons, XXI. 159.
- ENNEPER STRASSE, valley, Westphalia, XXIV. 517.
- ENNIS, town, Ireland, VIII. 446.
- ENNISCORTHY, town, Ireland, VIII. 447; population, XXIV. 521.
- ENNISKILLEN, town, Ireland, VIII. 447.
- ENNIUS, Q., Roman poet and dramatist, VIII. 447; VII. 410; XVIII. 129; XIX. 215; his place in Roman literature, XX. 717; language of, XIV. 332.
- ENNS, river, Styria, Austria, XXII. 614.
- ENOCH, of Scripture, VIII. 449.
—, Book of, II. 175.
- ENOPLA, division of nemertine worms, XVII. 326.
- ENOS, town, Turkey in Europe, VIII. 449.
- ENRIQUE (Henry), Don, brother of Pedro I. of Castile, XVIII. 450.
- ENRIQUEZ GOMEZ, Antonio, Spanish dramatist, VIII. 449.
- ENSCHEDÉ, town, Holland, VIII. 450.
- ENSIGNS, Military, IX. 276.
- ENSILAGE, method of preserving fodder, XXII. 67.
- EN SOPH, the Deity in the Kabbalah, XIII. 811.
- ENSTATITE, mineral, XVI. 415.
- ENT, of Eleatic philosophy, XVIII. 315.
- ENTABLATURE, in architecture, II. 464; Egyptian, II. 391; Greek, II. 403.
- ENTAIL, in law, VIII. 450; XIII. 77; of land, XIV. 264; settlement in, XXI. 694.
- ENTASIS, in architecture, II. 464.
- ENTERIC FEVER, or Typhoid Fever, XXIII. 678.
- ENTEROZOA, division of the animal kingdom, XIX. 830; in Lankester's classification, XXIV. 812.
- ENTFÜHRUNG AUS DEM SERAIL, Mozart's opera, XVII. 10.
- ENTHYMEME, in rhetoric, XX. 510.
- ENTLEBUCH, valley, Switzerland, XV. 40.
- ENTOMOLOGY, the science of insects, XIII. 141; Swammerdam's entomological collection, XXII. 730.
- ENTOMOPHAGA, group of insects, XIII. 148.
- ENTOMOPHTHOREÆ, parasitic fungi, XVIII. 267.
- ENTOPROCTA, subclass of Polyzoa, XIX. 438.
- ENTOPTIC PHENOMENA, in the eye, VIII. 819.
- ENTOZOA, internal parasites, XVIII. 258; XXIII. 49.
- ENTRECASTEAUX, Joseph Antoine Bruni d', French navigator, VIII. 454.
- ENTRENCHMENTS, in fortification, IX. 431.
- ENTROPY, in thermodynamics, XXIII. 285.
- ENVELOPES, in geometry, XIII. 27.
—, Paper, Manufacture of, XXII. 461.
- ENVIRONMENT, Effect of, on plants and animals, XXIV. 82.
- ENVOYS, Diplomatic, I. 657; XIII. 193.
- ENYO (Bellona), Greek divinity, III. 549.
- ENZELI, or Enzelli, town, Persia, V. 177; XX. 285.
— GULF, Caspian Sea, V. 177.
- ENZIANBRANNTEIN, spirituous liquor, X. 160.
- ENZINA, or Encina, Juan del, Spanish dramatist, VII. 420; VIII. 189; XXII. 356.
- ENZIO, king of Sardinia, VIII. 454; XIII. 475.
- ENZYMES, ferments in alimentary juices, XVII. 671.
- EOA, island, South Pacific, IX. 779.
- EOBANUS, Helius (Hessus), German humanist, XI. 781.
- EOCENE ROCKS, X. 360.
- EOLIS, genus of Mollusca, XVI. 656, 657.
- EON DE BEAUMONT (Chevalier D'Eon), French adventurer, VIII. 455.
- EONYCTERIS, genus of bats, XV. 410.
- EORDÆA, district, Macedonia, XV. 137.
- EORLS, nobility of early England, VIII. 274; XVII. 529; XVIII. 302.
- EOS, genus of birds, XV. 7.
—, Myth of, VIII. 205; XXIII. 413.
- EOSINE, potassium salt, IV. 361.
- EOSITE, mineral, XVI. 403.
- EOPHORITE, mineral, XVI. 407.
- EÖTVÖS, Jozsef, Baron, Hungarian statesman and poet, VIII. 455; XII. 371, 379.
- EOZON, fossil or mineral, X. 328.
— CANADENSE, supposed fossil foraminifer, I. 679; IX. 384.
- EPACT, in the calendar, IV. 672.
- EPAKTO (Lepanto), town, Greece, XIV. 467.
- EPAMINONDAS, Theban general, VIII. 456; XI. 103; XVI. 52; his friendship with Pelopidas, XVIII. 479; his invasion of Sparta, XXII. 371.
- EPARCH, ecclesiastical title, XVIII. 410.
- ÉPAULEMENT, in fortification, IX. 424.
- EPE, town, West Africa, XXIV. 754.
- ÉPÉE, Charles-Michel, Abbé de l', teacher of deaf-mutes, VIII. 457; VII. 7.
- EPERIES, town, Hungary, VIII. 457.
- ÉPERNAY, town, France, VIII. 457.
- EPHA, Syrian measure, XXIV. 485.
- EPHEMERIDÆ, family of insects, VIII. 457; XIII. 152.
- EPHESIACA, Greek novel, XX. 635.
- EPHESIANS, Epistle to the, VIII. 458; XVIII. 422.
- EPHESUS, ancient town, Asia Minor, VIII. 466; coins of, XVII. 646; council of (431), XVII. 356; St Paul at, XVIII. 420; temple of Diana at, II. 406, 410.
—, The Seven Sleepers of, legend, XXI. 697.
- EPHETÆ, Court of the, at Athens, II. 482.
- EPHIPPIORHYNCHUS, genus of birds, XIII. 529.
- EPHORI, Greek magistrates, VIII. 469; of Sparta, XV. 96.
- EPHORUS, Greek historian, VIII. 469; V. 710.
- EPHRAEMI CODEX, XVIII. 147.

- EPHRAEM SYRUS, early Christian writer, VIII. 470; XXII. 827; as hymn-writer, XII. 579.
- EPHRAIM, of Scripture, VIII. 471; tribe of, XIII. 749.
- , the Syrian, early Christian writer, VIII. 470; XII. 579; XXII. 827.
- EPHTHALITES, or Hephthalites (White Huns), ancient people of Europe and Asia, XIV. 59; XVIII. 610, 613; XXIII. 639, 659.
- EPIBLAST, layer of tissue in animal embryo, II. 51; VIII. 746; XXII. 106.
- EPIBOULANGERITE, mineral, XVI. 396.
- EPICHRMUS, Greek poet, VIII. 471; XXII. 16.
- EPICHLORITE, mineral, XVI. 414.
- EPIC POETRY, XIX. 264; of the Alexandrine school, I. 499; of Greece, XI. 137; Sanskrit, XXI. 280, 283.
- EPICURIUM GLUTINOSUM, species of Amphibia, I. 761.
- EPICTETUS, Greek philosopher, VIII. 471; Stoic teaching of, XXII. 573; his discourses and manual published by Arrian, II. 630.
- EPICUREANISM, VIII. 473; XVIII. 685; XXI. 379; ethics of, VIII. 586.
- EPICURUS, Greek philosopher, VIII. 472; ethics of, VIII. 586.
- EPIDAMNUS (Durazzo), ancient town, Illyricum, VIII. 476; VII. 553.
- EPIDAURUS, ancient town, Argolis, Greece, VIII. 476.
- , ancient town, Laconia, Greece, VIII. 477.
- (Vecchia Ragusa), ancient town, Illyricum, VIII. 477.
- EPIDERMIS, or Cuticle, XXII. 107; anatomy of, I. 897; of plants, IV. 89; XII. 17.
- EPIDOTE, mineral, X. 228; XVI. 409.
- EPIFAN, town, Russia, XXIII. 605.
- EPIGENESIS, biological theory, III. 682; VIII. 744; Wolff's demonstration of, VIII. 165; XXIV. 631.
- EPIGENITE, mineral, XVI. 396.
- EPIGONI, in Greek mythology, VIII. 477.
- , school of economists, XIX. 376.
- EPIGRAMMATA, John Owen's, XVIII. 85.
- EPIGRAMS, VIII. 477; II. 103; of the Alexandrian school, I. 499.
- EPIGRAPHY, the science of inscriptions, XIII. 114; XVIII. 143.
- EPILEPSY, disease, VIII. 479; XIII. 100; XVIII. 391; its connexion with demoniacal possession, VII. 61; hysteroepilepsy, XII. 601.
- EPILOGUES, Dramatic, VII. 392.
- EPIMANES, or Epiphanes, Antiochus IV., king of Syria, II. 133; XIII. 421; XVIII. 589.
- EPIMENIDES, Greek poet, VIII. 481.
- EPIMETHEUS, of Greek legend, XXIV. 782.
- ÉPINAY, town, France, VIII. 482.
- ÉPINAY, Madame d', French authoress, VIII. 482; her patronage of Rousseau, XXI. 25.
- EPINICIA, odes by Pindar, XIX. 100.
- EPIPHANES, Antiochus IV., king of Syria, II. 133; XIII. 421; XVIII. 589.
- EPIPHANIUS, St, early Christian writer, VIII. 482; XVI. 503.
- EPIPHANY, church festival, VIII. 483; XIII. 660.
- EPIPHYLLUM, group of Cactaceæ, IV. 626.
- EPIPHYTES, plants growing on others, IV. 94; XVIII. 264.
- EPIRUS, district, Greece, VIII. 483; I. 446; coins of, XVII. 641.
- EPISCOPACY, VIII. 484; in the early church, V. 700; in Scotland, XIX. 683; XXI. 507, 510, 515, 780; Milton's writings against, XVI. 329.
- EPISCOPAL CHURCH, of Ireland, VIII. 490; of Scotland, VIII. 490; its liturgy, XIV. 711; Protestant, of United States, VIII. 493; its liturgy, XIV. 711.
- EPISCOPAL METHODISM, American, XVI. 191.
- EPISCOPI, hill, Greece, XXIV. 282.
- EPISCOPIUS, Simon, Dutch theologian, VIII. 493; at synod of Dort, VII. 374.
- EPISTEMOLOGY, or Theory of Knowledge, XVIII. 793; Ferrier's, IX. 110.
- EPISTILBITE, mineral, XVI. 422.
- EPISTLES OF PHALARIS, III. 53, 579; XVIII. 730.
- EPISTOLA AD DORPIUM, Sir Thomas More's, XVI. 819.
- EPITAPH, VIII. 493.
- EPITHALAMION, Spenser's poem, XXII. 395.
- EPITHALAMIUM, nuptial song, VIII. 496.
- EPITHELIOMA, cancer of skin, XVIII. 382.
- EPITHELIUM, EPITHELIUM CELLS, in anatomy, I. 847; XII. 4; XVII. 673.
- EPITRAPEZIUS, Greek statuette of Hercules, XV. 120.
- EPIZOOTY, cattle disease, XVII. 57.
- EPOCHS, or Eras, IV. 681.
- EPOMEIO, Monte, Ischia, Italy, XIII. 385.
- EPOMOPHORUS, genus of bats, XV. 408, 409.
- EPONYMOS, first archon at Athens, XI. 96.
- EPOREDIA (Ivrea), ancient town, Italy, XIII. 525.
- EPPING FOREST, England, VIII. 553; XIV. 824.
- ÉPRÉMÉNIL, or Esprémesnil, J. J. Duval d', French politician, VIII. 548.
- EPSOM, town, England, VIII. 496; XXII. 694; horse-racing at, XII. 201.
- EPSOMITE, mineral, VIII. 496; XVI. 401.
- EPSOM SALTS, in pharmacy, VIII. 496; XV. 218; XVI. 401.
- EPTE, river, France, XVII. 538.
- EQUATION, EQUATIONS, Algebraic, VIII. 497; I. 515, 538; XV. 630; of curves, VI. 717; functional, IX. 823.
- OF TIME, II. 772; XXIII. 392.
- EQUATIONS OF MOTION, in tides, XXIII. 358.
- EQUATOR, X. 198.
- EQUATORIAL CURRENT, in Atlantic, III. 19.
- EQUATORIAL DIAL, VII. 157.
- EQUATORIAL TELESCOPES, II. 768; XXIII. 146.
- EQUIDÆ, family of ungulate mammals, XV. 429.
- EQUILIBRIUM, in mechanics, XV. 722; 747; of rotating fluid mass, Laplace's investigations of, XIV. 303; of tides, XXIII. 357, 363.
- EQUINIA, disease, X. 634.
- EQUINOX, mountain, Vermont, U.S.A., XXIII. 792.
- EQUINOXES, Precession of the, II. 794; X. 216; its discovery, II. 749.
- EQUISETINÆ, class of plants, IX. 106; XXIV. 129.
- EQUISETUM, genus of plants, XII. 207.
- EQUITABLE SOCIETY, insurance company, XIII. 180.
- EQUITES, Roman order, VIII. 509.
- EQUITY, in law, VIII. 510; XIV. 365.
- , Court of, in England, V. 389.
- EQUIVOCATION, Liguorian doctrine of, XIV. 638.
- ERA, ERAS, Chronological, IV. 681; V. 711.
- ERANOI, Greek guilds, XI. 260.
- ÉRARD, Sébastien, French musical instrument-maker, VIII. 512; XIX. 74.
- ERASISTRATUS, Alexandrian physician, XV. 801; on anatomy, I. 801; on brain and mind, XVIII. 842.
- ERASMUS, Desiderius, Dutch scholar, VIII. 512; on education, VII. 672; his influence on Biblical interpretation, XI. 747; his Latin style, XIV. 342; his connexion with Thomas More, XVI. 816; his relation to the Reformation, XX. 325; to the Renaissance, XX. 388; as satirist, XXI. 319.
- ERASTIANISM, Erastus's theory of church government, VIII. 518.
- ERASTUS, Thomas, Swiss theologian, VIII. 518.
- ERATO, Muse of erotic poetry, XVII. 74.
- ERATOSTHENES, Greek astronomer and geographer, VIII. 519; II. 748; as chronologist, V. 710; on geography, I. 499; X. 176; XX. 92; Strabo on, XXII. 582.
- , tyrant of Athens, Lysias's speech against, XV. 118.
- ERBACH, town, Germany, VIII. 519.
- ERBEN, Karel, Bohemian poet, XXII. 152.
- ERBIL (Arbela), town, Asiatic Turkey, II. 311.
- ERBIUM, chemical element, V. 543;

- XIV. 292; spectrum of its salts, XXII. 376.
- ERCELDOUNE, Thomas of, early Scottish poet, XXIII. 308.
- ERCILLA Y ZUÑIGA, Alonso de, Spanish poet, VIII. 519; XXII. 357.
- ERDELYI, Janos, Hungarian poet, VIII. 519; XII. 378.
- ERDEVEN, France, Alignments of, XXI. 51.
- ERDJISH-DAGH, or Erjish-Dagh, mountain, Asia Minor, II. 705; v. 75; XXIII. 654.
- ERDMANN, Otto Linné, German chemist, VIII. 520.
- EREBUS, in Greek mythology, VIII. 520.
- AND TERROR, Expedition of, IX. 720.
- ERECH, Necropolis of, Babylonia, III. 189.
- ERECHTHEUM, or Erechtheium, temple, Athens, III. 6; II. 357, 412; building of, XVIII. 529.
- ERECHTHEUS, in Greek legend, VIII. 520.
- EREKLI, town, Turkey in Asia, XI. 681.
- EREMACAUSIS, chemical process, IX. 98.
- EREMITES OF ST FRANCIS, order of monks, IX. 695.
- EREMITES OF ST JEROME, order of monks, XI. 809; XVI. 711, 716.
- ERESUS, town, Lesbos, Asia Minor, XIV. 474.
- ERETHIZON, genus of rodent mammals, XIX. 518.
- ERETRIA, town, Eubœa, Greece, VIII. 649.
- EREWASH, river, England, XVII. 598.
- ERFT, river, Germany, XX. 519.
- ERFURT, town, Prussia, VIII. 520; electoral academy at, I. 72; university of, XXIII. 840.
- ERG, plateaus, Sahara, Africa, XXI. 149.
- , unit of energy or work, VIII. 206; XV. 668.
- ERGANE, epithet of Athena, Greek goddess, II. 830.
- ERGHK-SHAN, mountains, Siberia, XXIII. 437.
- ERGIR CASTRI, town, Albania, II. 501.
- ERGOT, drug, VIII. 521.
- ERGOTISM, disease, VIII. 521; XVIII. 407.
- ERIC, or Erik, Menved, king of Denmark, his contest with the Hanse towns, XI. 450.
- , the Victory-Blest, Swedish king, XXII. 744.
- IX., Edwardson, Swedish king, XXII. 745.
- XI., the Halt, Swedish king, XX. 745.
- XIII., of Pomerania, king of Sweden, XXII. 746.
- XIV., of Sweden, XXII. 747.
- ERIC, or Heiricus, scholastic philosopher, XXI. 420.
- ERICA, genus of plants, XI. 589; XII. 263.
- ERIGHT, Loch, Scotland, XIV. 217; XVIII. 666.
- ERICHTHONIUS, or Erechtheus, in Greek legend, VIII. 520.
- ERICSSON, John, inventor of an air-engine, I. 428; his air-engine, XXII. 523; his torpedo, XXIII. 451.
- ERIDANUS (Po), river, Italy, XIX. 251.
- ERIE, Lake, North America, XIV. 217; XVII. 451; XXI. 179, 182.
- , town, Pennsylvania, U.S.A., VIII. 522.
- ÉRIEUX, river, France, XX. 528.
- ERIGENA, Johannes Scotus, mediæval philosopher, VIII. 522, 371; on evolution, VIII. 758; on the nature of God, XXIII. 241; mystical teaching of, XVII. 131; scholastic system of, XXI. 419.
- ERIGON (Czerna), river, Macedonia, XV. 136.
- ERIGONE, in Greek mythology, VIII. 524.
- ERIK, Blood-Axe, king of Norway, XVII. 585. See also Eric.
- , king of Norway, XVII. 588.
- ERIMON, of Irish legend, XIII. 244.
- ERINACEIDÆ, family of Insectivora, XV. 402.
- ERINACEUS, genus of insectivorous mammals, XI. 610.
- ERINITE, mineral, XVI. 406.
- ERINNA, Greek poetess, VIII. 524.
- ERINYES, or Erinnyes, in Greek mythology, VIII. 524; IX. 840; XVII. 827; temple of, at Athens, II. 482.
- ERIODES, genus of apes, II. 153.
- ERIPHYLE, in Greek mythology, VIII. 524.
- ERIS, in Greek mythology, VIII. 524.
- ERITHACUS, genus of birds, XX. 315.
- ERITHROSIDERITE, mineral, XVI. 384.
- ERIVAN, town, Transcaucasia, Russia, VIII. 524; XXIII. 515; government, XXIII. 513.
- ERJISH-DAGH, mountain, Asia Minor, II. 705; v. 75; XXIII. 654.
- ERLANGEN, town, Bavaria, VIII. 525; university of, XXIII. 848.
- ERLAU, town, Hungary, VIII. 525.
- ERLENDSSON, Haukr, Icelandic writer, XXI. 368.
- ERLING SHAKKE, Norwegian chief, XVII. 588.
- ERL-KING, or Erlkönig, mythical character, VIII. 525.
- ERMAN, Paul, German physicist, VIII. 526.
- ERMANARIC, king of the Goths, X. 848.
- ERMENT, or Arment, village, Egypt, VII. 782.
- ERMINE, carnivorous mammal, VIII. 526; XV. 440; fur of, VIII. 526; IX. 838.
- ERMINE, in heraldry, XI. 692.
- STREET, Roman road, Lincolnshire, England, XIV. 656.
- ERNE, loughs, Ireland, v. 263; IX. 90; XIII. 216; river, v. 263.
- , sea-eagle, VII. 589.
- ERNEST, count of Mansfeld, German general, XV. 498.
- ERNESTI, Johann August, German philologist and theologian, VIII. 526.
- , Johann Christian Gottlieb, German scholar, VIII. 527.
- ERNEST MALTRAVERS, Lytton's novel, XV. 122.
- ERNST, Heinrich Wilhelm, German composer and violinist, VIII. 527.
- EROPHILE, Greek drama, XI. 150.
- EROS, Greek god (the Roman Cupid), VIII. 527; VI. 708; statue of, at Thespiæ, XXIII. 297.
- EROTIC ROMANCES, Greek and Roman, XX. 635.
- EROTOCRITOS, Greek epic poem, XI. 150.
- ERPE, Thomas von, or Erpenius, Dutch Orientalist, VIII. 527.
- ERRARD, Jean, French military engineer, IX. 441.
- ERRIBOLL, Loch, Scotland, XXII. 726.
- ERROMANGO, island, New Hebrides, XXII. 395; scene of Williams's murder, XXIV. 586.
- ERRORS, Theory of, in probability, XIX. 780.
- ERSCH, Johann Samuel, German bibliographer, VIII. 528.
- AND GRUBER'S ALLGEMEINE ENCYKLOPÄDIE, VIII. 204; XI. 224.
- ERSE, or Irish, language, v. 298.
- ERSKINE, Lord, lord chancellor of England, VIII. 529.
- , Ebenezer, founder of Secession Church, Scotland, VIII. 528; XXIII. 728.
- , John, earl of Mar, XV. 525.
- , John (d. 1768), of Carnock, Scottish law writer, VIII. 528.
- , John (d. 1803), minister of Church of Scotland, VIII. 529.
- , Ralph, Scottish divine, VIII. 529; hymns by, XII. 593.
- , Thomas, of Linlathen, Scottish theological writer, VIII. 530.
- ER-TOGHRUL, early Turkish chief, XXIII. 640.
- ERUBESCITE, mineral, VI. 347.
- ERULI, ancient German tribe, XI. 774.
- ERYCIDÆ, family of snakes, XXII. 193.
- ERYCINA, epithet of Venus, VIII. 532; XVI. 782.
- ERYMANTHUS, river, Greece, XVII. 765.
- ERYSIPELAS, disease, VIII. 531; XVIII. 398; resulting from vaccination, XXIV. 26.
- ERYSIPHÆ, group of Fungi, IX. 833; XVI. 294.

- ERYSHIPPE TUCKERI, parasitic fungus, XVIII. 267.
 ERYTHEMA, skin disease, XXII. 122.
 ERYTHRÆ, ancient Greek town, Asia Minor, VIII. 532; coins of, XVII. 647.
 ERYTHRÆAN SEA, Periplus of the, XX. 94.
 ERYTHRITE, mineral, XVI. 404.
 ERYTHROZYNE, vegetable ferment, IX. 96.
 ERYX (Monte San Giuliano), ancient town and mountain, Sicily, VIII. 532; XVI. 782.
 ERZEROU, town, Turkish Armenia, VIII. 532; XVIII. 617; province, XXIII. 653.
 ERZGEBIRGE, mountains, Germany, VIII. 533; XXI. 357.
 ERZKASTEN, mountain, Black Forest, Germany, XXIV. 700.
 ERZRUM (Erzeroum), town, Turkish Armenia, VIII. 532; XVIII. 617.
 ERZYA (Aorsi, *q.v.*), race of people, Russia, XVI. 813.
 ESARHADDON, Assyrian king, VIII. 533; III. 187; VII. 742; palace of, at Nineveh, XVII. 512.
 ESAU, of Scripture, VIII. 533.
 ESCALDAS, spa, France, XX. 128.
 ESCAPEMENT, of clocks, VI. 17; of watches, XXIV. 396.
 ESCAUT (Scheldt), river, France, XXI. 389.
 ESCHATOLOGY, doctrine of last things, VIII. 534; XVI. 315; in St Paul's teaching, XVIII. 426; Polynesian, XIX. 426; Zoroastrian, XXIV. 823.
 ESCHPEAT, in law, VIII. 538; XIII. 77.
 ESCHENBURG, Johann Joachim, German writer, VIII. 538.
 ESCHENMAYER, Karl von, German philosopher and physicist, VIII. 539.
 ESCHSCHOLTZ, Johann Friedrich, German naturalist, VIII. 539.
 ESCHWEGE, town, Germany, VIII. 539.
 ESCHWEILER, town, Prussia, VIII. 539.
 ESCOBAR Y MENDOZA, Antonio, Spanish casuist, VIII. 539.
 ESCORIAL, palace, Spain, VIII. 539; XVIII. 746; library of, XIV. 532.
 ESCORPION, Mexican lizard, XIV. 735.
 ESCOVEDO, Juan de, secretary to Philip II. of Spain, XVIII. 525.
 ESCUAGE, or Scutage, in law, XXI. 572.
 ESCURIAL (Escorial, *q.v.*), palace, Spain, VIII. 539.
 ESCUTCHEON, in architecture, II. 464.
 —, in heraldry, XI. 686, 692, 711.
 ESDRAELON, Plain of, Palestine, XVIII. 171.
 ESDRAS, Apocalypse of, II. 179.
 —, Books of, in Apocrypha, VIII. 541, 831; II. 181.
 —, Fourth Book of, apocalyptic work, II. 175.
 ESEGER SEE, lake, Transylvania, XXIII. 522.
 ESELSFLETH (Itzehoe), ancient town, Holstein, XIII. 518.
 ESHER, town, England, VIII. 543.
 ESHMUNAZAR I.-II., kings of Sidon, XVIII. 809.
 ESHREF, or Ashraf, town, Persia, VIII. 543; XV. 651.
 ESK, rivers, Scotland, VII. 526, 656; IX. 410.
 ESKI-DJUMA, town, Bulgaria, VIII. 543.
 ESKI KARA - HISSAR, town, Asiatic Turkey, XIV. 2.
 ESKILSTUNA, town, Sweden, VIII. 543.
 ESKILUP (Iskelib), town, Asiatic Turkey, XIII. 387.
 ESKIMO, race of people, VIII. 543; I. 690; XIX. 329; their origin, V. 268; their relations to American Indians, XII. 822; their religions, XX. 364; of Labrador, XIV. 176.
 ESKI-SAGRA, town, European Turkey, VIII. 547.
 ESKI-SHEHR, town, Asiatic Turkey, VIII. 547.
 ESKI-ZAGRA, or Eski-Sagra, department, Roumelia, XXI. 22; town, VIII. 547.
 ESKUARA, or Basque language, III. 424; XVIII. 780.
 ESMARKITE, mineral, XVI. 418.
 EMERALDA, settlement on Orinoco river, South America, XVII. 843.
 ESMERALDAS, river, Ecuador, VII. 646.
 ESMOND, Thackeray's novel, XXIII. 216.
 ESNEH, or Isne, town, Upper Egypt, VIII. 547; VII. 782.
 ESOTERIC DISCOURSES, of Aristotle, II. 514.
 ESOX, genus of fishes, XIX. 88.
 ESPARTERO, Baldomero, Spanish regent, XXII. 346.
 ESPARTO, grass fibre, VIII. 547; used in paper-making, XVIII. 225.
 ESPINEL, Vicente, Spanish poet, VIII. 548; XXII. 358.
 ESPINHAÇO, Sierra do, Brazil, IV. 222.
 ESPIRITU SANTO, town, Brazil, XXIV. 219.
 ESPIRITU SANTO, island, New Hebrides, XVII. 395.
 ESPLANDIAN, romance, XX. 655.
 ESPRÉMESNIL, Jean Jacques Duval d', French politician, VIII. 548.
 ESPRIT DES LOIS, Montesquieu's work, IX. 667; XVI. 784.
 ESPRONCEDA, José de, Spanish poet and politician, VIII. 548; XXII. 361.
 ESQUIMAULT, town, Vancouver Island, XXIV. 57.
 ESQUIMAUX, or Eskimo (*q.v.*), race of people, VIII. 543; I. 690.
 — DOG, VII. 326.
 ESQUIRE, title, VIII. 549; XIX. 664.
 ESQUIROL, Jean Étienne Dominique, French physician, VIII. 549.
 ESQUIROS, Henri Alphonse, French writer, VIII. 549.
 ESS, Johann Heinrich van, German theologian, VIII. 549.
 ESSAIS DE THÉODICÉE, Leibnitz's work, XIV. 420.
 ESSAR-HADDON, or Esarhaddon, king of Assyria, VIII. 533; III. 187; VII. 742; his palace, XVII. 512.
 ESSAY ON THE HUMAN UNDERSTANDING, Locke's, XIV. 756, 757.
 ESSAY ON MAN, Pope's, XIX. 486.
 ESSEK, town, Hungary, VIII. 549.
 ESSEN, town, Prussia, VIII. 550; XX. 21.
 ESSENE, Jewish sect, VIII. 550; XVI. 698.
 ESSENTIAL OILS, with list, XVII. 749.
 ESSEQUIBO, river, Guiana, XI. 250.
 ESSEVELDOBURG (Itzehoe), ancient town, Holstein, XIII. 518.
 ESSEX, county, England, VIII. 552; population and representation, XXIII. 727.
 —, Thomas Cromwell (*q.v.*), earl of, VI. 604.
 —, Walter Devereux, first earl of (Devereux line), VIII. 555.
 —, Robert Devereux, second earl of, VIII. 555; his friendship for Bacon, III. 202; relations with Raleigh, XX. 263.
 —, Robert Devereux, third earl of, VIII. 556.
 ES-SIOUT, or Asiout, town, Egypt, VII. 775; XXII. 103.
 ESSLING, Austria, Battle of (1809), IX. 616; XVII. 214.
 —, Prince of (Masséna, *q.v.*), French marshal, XV. 617.
 ESSLINGEN, town, Württemberg, VIII. 557; population, XXIV. 701.
 ESSONE, affluent of Seine, France, XXI. 624.
 ESSONITE, precious stone, X. 82; XIII. 532.
 ESSONNE, town, France, XXI. 625.
 ES-SOUAN, or Aswan, town, Egypt, VII. 783.
 ESTAING, Comte d', French admiral, VIII. 557.
 ESTAMPES, or Étampes, town, France, VIII. 565; XXI. 625.
 ESTATE, in English law, VIII. 557; personal, XVIII. 664; real, XX. 304; escheat of, VIII. 538.
 ESTATES OF THE REALM, VIII. 557; XVIII. 306.
 ESTAVAYER, town, Neuchâtel, Switzerland, XVII. 361.
 ESTE, town, Italy, VIII. 558.
 —, Italian princely family, VIII. 558.
 —, Leonora d', friend of Tasso, XXIII. 76.
 ESTELLA, town, Spain, VIII. 559.
 ESTEPA, town, Spain, VIII. 559.
 ESTEPONA, town, Spain, VIII. 559.
 ESTEREL MOUNTAINS, France, XXIV. 68.

- ESTERHAZY, or Eszterhazy, Hungarian family, VIII. 564.
- , Prince Paul, his patronage of Haydn, XI. 539.
- ESTFENDYS (Aspendus), town, Pamphylia, II. 715.
- ESTHER, of Scripture, VIII. 560; parallel of her story in Arabian Nights, XXIII. 316.
- , Racine's drama, XX. 208.
- , Book of, in Scripture, VIII. 560; III. 639; additions to, in Apocrypha, II. 181.
- ESTHONIA, province, Russia, VIII. 561; XXI. 69.
- ESTHONIAN LANGUAGE, Dictionaries of, VII. 188.
- ESTHONIANS, people, Livonia, Russia, VIII. 562; XIV. 724.
- ESTIENNE, or Stephens, family of French printers, XXII. 534.
- ESTLIN, Dr, of Bristol, propagator of vaccination, XXIV. 24.
- ESTOC, weapon of war, XXII. 802.
- ESTOPPEL, in law, VIII. 563.
- ESTOVERS, Common of, legal right, VI. 209.
- ESTRADA, La, town, Spain, XIX. 455.
- ESTRELLA, mountains, Portugal, XIX. 536.
- ESTREMADURA, province, Portugal, VIII. 563; XIX. 537.
- , old province, Spain, VIII. 563; XXII. 298.
- ESTREMOZ, town, Portugal, VIII. 564.
- ESTREPEMENT, Writ of, XXIV. 393.
- ESTUARY, of river, XX. 576; XXI. 579.
- ESZEK, or Essek, town, Hungary, VIII. 549.
- ESZTERHAZY, Hungarian family, VIII. 564.
- ETAH, district and town, India, VIII. 565.
- ÉTAMPES, or Estampes, town, France, VII. 565; XXI. 625.
- ÉTAPLES, Lefèvre d' (Faber Stapulensis), French Reformer, VIII. 835; XX. 334.
- ETAWAH, district and town, India, VIII. 565.
- ETCHING, VIII. 443; Méryon as etcher, XVI. 45; Rembrandt as, XX. 377.
- ETCHMIADZIN, town and monastery, Transcaucasia, Russia, VIII. 566; XXIII. 515.
- ETEN, town, Peru, XVIII. 674.
- ETEOCLES, mythical king of Thebes, VIII. 567; XI. 26.
- ETHANE, a gaseous paraffin, V. 557; XVIII. 238.
- ETHBAAL, or Ithobal, king of Tyre, XVIII. 807.
- ETHELBALD, Anglo-Saxon prince, VIII. 568.
- , king of Mercia, XVII. 570.
- ETHELBERGA, wife of Edwin of Deira, England, XVII. 569.
- ETHELBERT, king of Kent, England, VIII. 278, 567.
- ETHELFRITH, king of Northumberland, VIII. 271, 278; XVII. 569.
- ETHELNOTH, or Agelnoth, archbishop of Canterbury, I. 279.
- ETHELRED, early English king, VIII. 286, 567.
- , two kings of Northumbria, XVII. 570.
- ETHELREDUS, or Ailred, English ecclesiastic and historian, I. 425.
- ETHELWALD, Northumbrian king, XVII. 570.
- ETHELWULF, Saxon king of England, VIII. 568.
- ETHER, in chemistry, VIII. 568; cyananthic, XVII. 731; sulphuric, as anæsthetic, I. 789; Liebig's investigations on, XIV. 566.
- , in interstellar space, VIII. 568.
- ETHEREAL SALTS, V. 572.
- ETHEREDGE, Sir George, English dramatist, VIII. 572; XXIV. 56.
- , John Wesley, Biblical writer, VIII. 573.
- ETHERS, Haloid, V. 564.
- ETHICAL RELIGIONS, XX. 368.
- ETHICS, VIII. 574 (table of contents, 611); XVIII. 796; in relation to evolution, VIII. 766; Aristotle's, II. 517; Butler's sermons on, IV. 586; Cudworth's, VI. 691; Descartes's system, V. 148; Hutcheson's theory, XII. 409; Kant on, XIII. 853; Malebranche's system, V. 151; Manichæan, XV. 484; of Neoplatonism, XVII. 336; Price's theories, XIX. 722; Pythagorean, XX. 139; Schleiermacher's, XXI. 412; Schopenhauer's, XXI. 454; Shaftesbury's, XXI. 733; Adam Smith's, XXII. 171; Socratic, XXII. 237; Spinoza's system, V. 157; XXII. 402; Stoic doctrine of, XXII. 566; theological, XXIII. 270, 275; Tucker's contributions to, XXIII. 603; Whewell's, XXIV. 539; Wollaston's theory, XXIV. 633; Xenocrates's system, XXIV. 719.
- ETHIOPIA, VIII. 611; Arabian settlements in, XVIII. 739; conquest of, by Egypt, VII. 736; relations of, with Egypt, I. 65; language, XVIII. 778; XXI. 654; dictionaries of language, VII. 192.
- ETHIOPIAN REGION, in zoology, VII. 270.
- ETHIOPIANS, in Arabia, I. 65.
- ETHIOPIC RACE, I. 263.
- ETHNOGRAPHY AND ETHNOLOGY, VIII. 613 (index, 626); of Africa, XVII. 316, 611; XXIV. 828; of American Indians, XII. 822; of Europe, VIII. 697; of India, XII. 745, 777; of Polynesia, XIX. 422; of Russia, XXI. 78; Ural-Altaic, XXIV. 1; XVI. 740, 749; XXIII. 608, 658.
- ETHNOLOGY, VIII. 613; Prichard's contributions to, XIX. 723. See Ethnography.
- ETHOLOGY (Folk-Lore), Comparative, IX. 358.
- ÉTIENNE, Charles, French anatomist, I. 807.
- , or Estienne, family of French printers, XXII. 534.
- ETIOLIN, yellow-colouring matter, in plants, XIX. 52.
- ETNA, volcano, Sicily, VIII. 627; observatory on, XVII. 714.
- ÉTOILES, Madame' le Normant d' (Madame de Pompadour), IX. 586; XIX. 443.
- ETON, town and college, England, VIII. 632.
- ETRURIA, Italy, VIII. 633; XX. 731, 734, 739, 742; XXIII. 671; coins of, XVII. 637; glass-making, X. 648; language, XVIII. 780; XX. 661; pottery, XIX. 614; influence from, on Roman worship, XIII. 780; terra-cotta art, XXIII. 193.
- , England, Wedgwood's potteries at, XXIV. 476.
- ETRUSCAN ALPHABET, I. 610.
- ETRUSCAN ARCHITECTURE, II. 414.
- ETRUSCAN ART, VIII. 639; XVII. 40.
- ETRUSCAN LANGUAGE, VIII. 636; XVIII. 780; XX. 661; XXIV. 3.
- ETRUSCANS, ancient Italian race, VIII. 636; XIII. 446; XX. 669; their contests with Umbrians, XXIII. 723; their relations with ancient Rome, XX. 731, 734, 739, 742; astrology of, II. 739.
- ETRUSCAN TOMBS, Remains of, VI. 423.
- ETRUSCAN VASES, II. 353; XIX. 614.
- ETTERSBERG, mountain, Germany, XXI. 349.
- ETTINGSHAUSEN, A. von, his researches in magnetism, XV. 268.
- ETTLINGEN, town, Germany, VIII. 645.
- ETTMÜLLER, Ernst Moriz Ludwig, German philologist, VIII. 645.
- , Michael, German physician, VIII. 646.
- ETTRICK, river, Scotland, XXI. 638; XXIII. 673.
- SHEPHERD (James Hogg), Scottish poet, XII. 50.
- ETTY, William, English painter, VIII. 646.
- ETYMOLOGIES, Isidore of Seville's work, XIII. 386.
- ETYMOLOGY, XI. 37; XVIII. 768; of Aryan languages, XVIII. 789.
- ETZEL (Attila), leader of the Huns, III. 61; XII. 381; XX. 781.
- , hero of the Nibelungenlied, XVII. 475.
- EU, town, France, VIII. 647; XVII. 538; XXI. 626; river, XVII. 538.
- EUBŒA, island, Greece, VIII. 647; coins of, XVII. 644.
- EUBONIA, ancient name of Isle of Man, XV. 453.

- EUBULIDES, Greek philosopher, VIII. 649.
- EUCALYPTUS, genus of trees, VIII. 649; XIII. 593; in Victoria, Australia, XXIV. 216; in Western Australia, XXIV. 508.
- KINO, drug, XIV. 91.
- EUCERUS (Demetrius III.), king of Syria, VII. 58.
- EUCHARIS, stove plant, XII. 266.
- EUCHARIST, or Lord's Supper, VIII. 650; XXI. 131, 139; XXIV. 208; institution of, XIII. 668; controversy of Reformers on, XX. 332; decrees respecting, at council of Trent, XXIII. 546, 550; Berengar's theory, III. 586; Calvin's views, IV. 719; Luther's views, XV. 81; Occani's theory, XVII. 718; Quaker doctrine, XX. 150; Zwingli's views, XXIV. 833.
- EUCHER, St, bishop of Lyons, XXI. 238.
- EUCHITES, sect, Greek Church, XI. 782; XVI. 701.
- EUCHOLOGIUM, of the Oriental Church, XX. 630.
- EUCHRE, card game, VIII. 654.
- EUCHROITE, mineral, XVI. 406.
- EUCLEASE, mineral, XVI. 409.
- EUCLERIA, Schürman's exposition of Labadism, XIV. 163.
- EUCLID, Greek mathematician, VIII. 655; on axioms, III. 159; on the geometry of the sphere, II. 748; on mathematical analysis and synthesis, I. 793; anticipated by Pythagoras, XX. 141; his Elements, X. 376.
- of Megara, Greek philosopher, VIII. 658.
- EUCLID'S ELEMENTS, geometrical work, X. 376.
- EUCRASITE, mineral, XVI. 424.
- EUCRATIDES, ruler of Bactria, XVIII. 590.
- EUCTEMON, Greek astronomer, II. 747.
- EUCYRTIDIUM, genus of Protozoa, XIX. 850.
- EUDEMUS, Greek astronomer, on the obliquity of the ecliptic, II. 747.
- of Rhodes, Peripatetic philosopher, XVIII. 545.
- EUDES, early French king, IX. 535.
- , Eudon, or Odo, duke of Aquitania, II. 233; IX. 531.
- EUDIALITE, mineral, XVI. 426.
- EUDIOMETER, for analysis of gases, Saussure's invention of, XXI. 324.
- EUDNOPHITE, mineral, XVI. 421.
- EUDOCIA, wife of Theodosius II., VIII. 659.
- AUGUSTA, wife of Constantine XI., VIII. 659; XX. 730.
- EUDOXIA, wife of Arcadius, her persecution of Chrysostom, V. 756.
- EUDOXUS of Cnidus, Greek philosopher, VIII. 659; II. 747.
- of Cyzicus, Greek navigator, VIII. 659.
- EUDYPTES, genus of birds, XVIII. 492.
- EUDYTES, genus of birds, XV. 2.
- EUEMERISM, theory of mythology, VIII. 735; XVII. 136.
- EUERGETES, Ptolemy III., king of Egypt, VII. 745.
- , Demetrius III., king of Syria, VII. 58.
- EUGANEANS, ancient Italian tribe, XIII. 447.
- EUGENE, François, prince of Savoy, Austrian general, VIII. 659; IX. 581; XXIII. 646; in war of succession, III. 126.
- ARAM, Hood's poem of, XII. 145.
- EUGÉNIE, wife of Napoleon III., IX. 623; XVII. 228.
- EUGENIUS I., pope, VIII. 662.
- II., pope, VIII. 662; XX. 787.
- III., pope, VIII. 662; XX. 792.
- IV., pope, VIII. 663; XIX. 152, 502; XX. 323, 805.
- , emperor of the West, XX. 779; XXIV. 37.
- EUGENOL, constituent of oil of cloves, XXIV. 66.
- EUGLENOIDEA, order of Protozoa, XIX. 857.
- EUGUBINE TABLES, with Umbrian inscriptions, VIII. 663.
- EUGUBIUM (Gubbio), ancient town, Italy, XI. 243.
- EUHMERUS, or Euemerus, Greek mythographer, VIII. 735; his theory, XVII. 136.
- EUKAIRITE, mineral, XVI. 392.
- EUKOLITE, mineral, XVI. 426.
- EULALIA, St, Song of, early French poem, IX. 637.
- EULENSPIEGEL, German chapbook, VIII. 664; X. 527.
- EULER, Leonard, Swiss mathematician, VIII. 665; his contributions to algebra, I. 515; to trigonometry, XXIII. 562; on theory of the balloon, I. 204; on planetary perturbations, II. 760; on telescopic lenses, XXIII. 138.
- EULYTINE, mineral, XVI. 411.
- EUMATHIUS, Greek romancist, XX. 636.
- EUMENES I., II., kings of Pergamum, XVIII. 527.
- , general of Alexander of Macedon, VIII. 666; I. 485; XVIII. 586.
- EUMENIDÆ, family of insects, XXIV. 392.
- EUMENIDES, or Erinyes (*q.v.*), the Furies, in mythology, VIII. 524.
- , of Æschylus, I. 209.
- EUMEROGENESIS, in growth of composite organisms, XII. 554.
- EUMOLPIA (Philippopolis), ancient town, Turkey in Europe, XVIII. 753.
- EUNAPIUS, Greek sophist and historian, VIII. 666.
- EUNETTA, genus of birds, XXIII. 105.
- EUNOMIUS, Arian heretic, VIII. 667.
- EUNUCH, VIII. 667; voice of, XXIV. 275; in harems, XI. 478.
- EUNUCHUS, Terence's play, XXIII. 187.
- EUPALINUS, Greek engineer, II. 219.
- EUPATOR, Antiochus V., king of Syria, XVIII. 590.
- , Mithradates VI. (*q.v.*), king of Pontus, XVI. 530.
- EUPATORIA, town, Russia, VIII. 667; VI. 587; XXIII. 83.
- EUPATRIDES, noble families of Athens, XXII. 254.
- EUPEN, town, Rhenish Prussia, VIII. 668.
- EUPHEMIA, St, of Chalcedon, XXI. 29.
- EUPHEMIUS, ruler of Syracuse, XXII. 23.
- EUPHONY, of speech, XVIII. 773.
- EUPHORBUM, resin, VIII. 668.
- EUPHORION, Greek poet and grammarian, VIII. 668.
- EUPHRANOR, Greek painter and sculptor, VIII. 668; II. 361.
- EUPHRATES, river, Syria, VIII. 668; I. 135; XVI. 47.
- , Turtle of the, XXIII. 459.
- EUPHROSYNUS ULPIUS, his globe of 1542, X. 682.
- EUPHUES, Lyly's work, XV. 104; XX. 660.
- EUPHUISM, in English literature, VIII. 421.
- EUPHYLLITE, mineral, XVI. 413.
- EUPION, paraffin hydrocarbon, VIII. 672; XVIII. 237.
- EUPLERES, subfamily of carnivorous mammals, XV. 437.
- EUPOLIS, Greek poet and dramatist, VIII. 672.
- EUPOLYZOA, class of Polyzoa, XIX. 436.
- EUPOMPUS, Greek painter, VIII. 672.
- EUPTILOIS, genus of birds, XXIII. 584.
- EURE, department, France, VIII. 672.
- , river, France, XVIII. 1; XXI. 624.
- EURE-ET-LOIR, department, France, VIII. 673.
- EUREKA, town, Nevada, U.S.A., XVII. 368.
- MINES, Nevada, U.S.A., XXIII. 815.
- EURELIUS (Gunno Dahlstjerna), Swedish poet, VI. 764; XXII. 755.
- EURIALUS AND LUCRETIA, Pius II.'s work, XIX. 153.
- EURIC, chief of the West Goths, XXII. 308.
- EURIPIDES, Greek dramatist, VIII. 673; VII. 405; XI. 140.
- EUROKYLON, wind, Mediterranean Sea, XV. 340.
- EUROPA, in Greek mythology, VIII. 680.
- EUROPE, VIII. 680 (index, 720); prehistoric geography of, V. 268; invasion of, by Turks (1453), XXIII. 642; Renaissance in, XX. 381; armies of, II. 568; birds, XVIII. 17; coalfields, VI. 55; marine fishes, XII. 678; flora, VII. 289; forests, IX. 398; gold, X. 742;

- early military institutions, II. 563; rainfall, XVI. 152.
- EUROPEANS, in the tropics, I. 90.
- EUROPEAN TURKEY, XXIII. 653.
- EUROTAS, river, Greece, XIV. 193.
- EURYBIADES, Spartan general, XXIII. 250.
- EURYMEDON, Athenian general, VIII. 721.
- , river, Asia Minor, II. 708; XIX. 130.
- EURYPTERIDA, order of Crustacea, VI. 662.
- EURYPYGA, genus of birds, XXII. 652.
- EURYSTOMATA, group of Actinozoa, I. 132.
- EURYSTOMUS, genus of birds, XX. 627.
- EUSE, Jacques d' (Pope John XXII.), XIII. 712.
- EUSEBIUS of Cæsarea, ecclesiastical historian, VIII. 721; v. 764; canon of, v. 9; early Christian legends preserved by, XIII. 658; on Origen, XVII. 840.
- of Emesa, ecclesiastic, Greek Church, VIII. 722.
- of Nicomedia, defender of Arius, VIII. 723.
- PAMPHILI, friend and pupil of Pamphilus, XVIII. 204.
- EUSPONGIA, Turkey sponge, XXII. 423, 428.
- EUSTACHIO, Bartolomeo, or Bartholomeus Eustachius, Italian anatomist and physician, I. 808; XXIV. 96.
- EUSTATHIUS, St, bishop of Berea, VIII. 723.
- , archbishop of Myra, Byzantine scholar, XI. 146.
- , archbishop of Thessalonica, VIII. 723.
- , Greek romancist, XX. 636.
- EUSTYLE, in architecture, II. 464.
- EUTERPE, Muse of lyric poetry, XVII. 74.
- EUTHERIA, subclass of Mammalia, XV. 372, 383.
- EUTHYCRATES, sculptor of Sicily, II. 365.
- EUTHYDEMIA, Græco-Indian capital, XVIII. 599.
- EUTHYDEMUS, king of Bactria, XVIII. 589.
- , dialogue of Plato, XIX. 205.
- EUTHYMIUS, or Euphemius, ruler of Syracuse, XXII. 23.
- EUTHYNEURA, branch of Mollusca, XVI. 655.
- EUTHYPHRO, dialogue of Plato, XIX. 197.
- EUTIN, town, Germany, XVII. 757.
- EUTRACHEATA, group of Myriapoda, XVII. 116, 117.
- EUTROPIUS, St, bishop of Saintes, XXI. 167.
- , Roman historian, VIII. 723; Paul the Deacon's continuation of his history, XVIII. 436.
- EUTYCHES, founder of Eutychiean sect, VIII. 724; Eutychieanism, XVII. 356.
- EUXENITE, or Euxinite, mineral, XIV. 292; XVI. 427.
- EUXINE, or Black Sea, III. 795.
- EUXITHEUS, Greek artist, XIX. 612.
- EUUVUK, village and ruins, Turkey in Asia, VIII. 724.
- EVAGORAS, king of Salamis, VIII. 724; XVIII. 578.
- EVAGRIUS, ecclesiastical historian, VIII. 725.
- EVANDER, in Roman legend, VIII. 725.
- EVANESCENT QUANTITY, in mathematics, XIII. 14.
- EVANGELICAL ALLIANCE, VIII. 725.
- EVANGELICAL ASSOCIATION, American, VIII. 725; XVI. 192.
- EVANGELICAL UNION, Scottish religious denomination, VIII. 725.
- EVANGELICAL UNION, of Gustavus Adolphus, XI. 335.
- EVANGELINE, Longfellow's poem, XIV. 861.
- EVANS, Sir De Lacy, British general, VIII. 726.
- , Edmund, English wood engraver, VIII. 439.
- , F. W., Shaker elder, XXI. 737.
- , Oliver, American mechanic, VIII. 726; improver of the steam-engine, XXII. 476.
- EVANSITE, mineral, XVI. 405.
- EVANSON, Edward, theological writer, VIII. 726.
- EVANSTON, town, Wyoming, U.S.A., XXIV. 713.
- EVANSVILLE, town, Indiana, U.S.A., VIII. 727.
- EVAPORATION, VIII. 727; VI. 311; of liquids, VII. 217; in steam-engine, XXII. 487; in relation to water-supply, XXIV. 402; effects of, on Mediterranean Sea, XV. 820.
- EVAPOROMETER, Saussure's use of thermometer as, XXI. 324.
- EVE, of Scripture, VIII. 733; I. 137; Manichæan views of, XV. 483.
- EVECTION, of the moon, II. 750, 799; XVI. 799.
- EVELINA, Madame D'Arblay's novel, VI. 822.
- EVELYN, John, English diarist, VIII. 734; his Sylva, its service to arboriculture, II. 314.
- EVEMERUS, Greek mythographer, VIII. 735; his theory, XVII. 136.
- EVENING WALK, Wordsworth's poem, XXIV. 668.
- EVENLODE, river, England, XVIII. 93.
- EVENTS, Principal, Chronological table of, v. 720.
- EVE OF ST AGNES, Keats's poem, XIV. 23.
- EVERDINGEN, Allart von, Dutch painter, VIII. 735.
- EVEREST, Sir George, British surveyor and geographer, VIII. 736; his measurement of arc of meridian, VII. 599.
- EVEREST, Mount, Himalayas, XI. 825; XVII. 340.
- EVERETT, Alexander Hill, American writer and diplomatist, VIII. 736.
- , Edward, American politician and orator, VIII. 736; I. 723.
- , James, Wesleyan seceder, XVI. 190.
- , J. D., his system of shorthand, XXI. 840.
- EVERETT'S SALT, in chemistry, XX. 24.
- EVERGLADES, marsh, Florida, U.S.A., IX. 338.
- EVERGREEN SHRUBS AND TREES, II. 319.
- EVERLASTING, plant, XII. 716.
- EVERTS, Johann, Dutch poet, XXI. 618.
- EVERY-DAY BOOK, Hone's, XII. 135.
- EVERY MAN IN HIS HUMOUR, Ben Jonson's play, XIII. 741.
- EVESHAM, town, England, VIII. 738; population, XXIV. 666; battle of (1265), XVI. 788; XXIV. 666.
- EVIAN, spa, France, XVI. 433; XXI. 332.
- EVICITION, of tenants, XIV. 275; XX. 403.
- EVIDENCE, in law, VIII. 738; XXIV. 623; probability of, XIX. 777; obtained by torture, XXIII. 462.
- EVIGTOKITE, mineral, XVI. 384.
- EVIL, its existence, XXIII. 278; prevalence of, XVIII. 685; Leibnitz's theory of, XIV. 423; St Paul's doctrine, XVIII. 424; Pelagian doctrine, XVIII. 472; Stoic theory, XXII. 568; Zoroastrian doctrine, XXIV. 822.
- EYE, The, XV. 205.
- EVOLI, or Eboli, town, Italy, VII. 619.
- EVOLUTE, in geometry, XIII. 26.
- EVOLUTION, in algebra, I. 528; in arithmetic, II. 532.
- , in biology, VIII. 744 (index, 773); organic, Darwin's doctrine of, XXIV. 76, 801; development of the idea, XXIV. 819; in relation to animal distribution, VII. 284; bearing of, on animal mimicry, XVI. 343; of birds, XVIII. 32; of man, II. 110; of Tunicata, XXIII. 618; in Brahman philosophy, XXIV. 119; in relation to the history of the fine arts, IX. 212; in relation to socialism, XXII. 219; Herder on, XI. 729; Lamarck's theory, XIV. 232; Treviranus's theory, XXIII. 553; Wolff's researches in, XXIV. 631.
- EVORA, town, Portugal, VIII. 773; XIX. 537.
- ÉVREMOND, Sieur de St, French writer, IX. 663; I. 785; his relations with Ninon de Lenclos, XIV. 445.
- ÉVREUX, town, France, VIII. 773.
- EWALD, Heinrich Georg August von, German theologian, VIII. 773; on the Pentateuch, XVIII. 506.

EWALD, Johannes, Danish poet, VIII. 775; VII. 91.

WE GROUP, of Negroes, XVII. 319.

EWES, Breeding and management of, I. 393; milk of, XVI. 303.

EWING, Alexander, Scottish bishop, VIII. 776.

EXAMINATIONS, VIII. 777; competitive, in China, v. 669.

EXAMINER, London newspaper, IX. 360.

EXANTHEMATA, class of diseases, XVIII. 404.

EXARCH, title, VIII. 783; XVIII. 410; in the Greek Church, XI. 154.

EXCAMBION, in Scots law, VIII. 783.

EXCAVATIONS, in mining, XVI. 459.

EXCELLENCY, title, XXIII. 418.

EXCHANGE, in commerce, VIII. 784; of commodities, VI. 196; money the medium of, XVI. 720; rates of, XXIV. 52.

—, in law, VIII. 783.

—, Royal, London, XIV. 832, 846.

—, Telephonic, XXIII. 133.

—, VALUE, in economics, XXIV. 46.

EXCHEQUER, The English, its history, IX. 174; origin of, VIII. 297.

—, Barons of the, III. 388.

—, Chancellor of the, British minister, v. 389; VIII. 797.

—, Court of, England, VIII. 796; its rolls, XX. 312.

—, BILLS, IX. 182; first issue of, XI. 386.

—, DOMESDAY, ancient record, VII. 349.

EXCISE, form of taxation, VIII. 797; IX. 180.

EXCITABILITY, of nerves, XIX. 24, 28.

EXCOMMUNICATION, VIII. 798; XVIII. 485; law of, XI. 737; Erastus on, VIII. 518.

EXCRETION, Physiological processes of, XVII. 682.

EXCRETIONS, Vegetable, XIX. 53.

EXCURSION, The, Wordsworth's poem, XXIV. 674.

EXE, river, England, XXII. 257.

EXECUTORS, in English law, VIII. 800.

EXEDRA, of Herodes Atticus, ancient Olympia, Greece, XVII. 769.

EXEGESIS, Biblical, XI. 741.

EXEGETICAL THEOLOGY, XXIII. 274.

EXELMANS, Remy Joseph Isidore, French general, VIII. 801.

EXEMPTION, in law, XIX. 764.

EXERGUE, numismatical term, XVII. 630.

EXETER, town, England, VIII. 801; newspapers of, XVII. 422.

—, CODEX, early collection of English poetry, VIII. 406.

—, COLLEGE, Oxford, XVIII. 96.

EXHALATION, of plants, IV. 119.

EXHIBITIONS, National and Interna-

tional, VIII. 803; origination of that of 1851 at London, I. 452; VII. 240.

EXIMENIZ, Francesch, Catalan writer, XXII. 364.

EXMOUTH, town, England, VIII. 805.

—, Viscount, English admiral, VIII. 805; his expeditions against Algiers, I. 566.

EXNER, Johann J., Danish painter, VII. 94.

EXOCÆTUS, genus of fishes, IX. 352.

EXODUS, Book of, XVIII. 505.

—, of Hebrews from Egypt, VII. 740.

EXOGENY, marriage outside the community, v. 187; VIII. 619; XXIII. 472.

EXOGONIUM, genus of plants, XIII. 546.

EXON DOMESDAY, ancient record, VII. 349.

EXORCISM, casting out evil spirits, VIII. 806; VII. 61; XV. 203.

EXOSKELETON, or External Skeleton, I. 820; XXII. 106.

EXOSPOREA, order of Protozoa, XIX. 841.

EXOSTOSIS, bone disease, XVIII. 371.

—, in laburnum, XIV. 179.

EXOTERIC DISCOURSES, of Aristotle, II. 514.

EXPANSION, in algebra, I. 555.

—, in steam and heat engines, XXII. 480, 485, 494.

—, of solids and liquids by heat, Table of, XI. 582; XVI. 66.

EXPECTATION, or Expectancy, Psychological analysis of, XX. 63.

—, mathematical probability, XIX. 775.

EXPERIENCE, Kant on the philosophy of, XIII. 850; Locke on, XIV. 758, 759.

EXPIATION, among the Greeks and Romans, xv. 69.

—, Day of, Jewish, VIII. 806.

EXPIRATION, of the breath, in respiration, XX. 477.

EXPLOITATION, in mining, XVI. 451.

EXPLOITS, river, Newfoundland, XVII. 382.

EXPLORATION, geographical, x. 175.

EXPLOSION WAVES, XXIV. 418.

EXPLOSIVES, VIII. 806; XVI. 445; dynamite, VII. 583; gunpowder, XI. 322; Nobel's, XVII. 521.

EXPORTS, National, Table of, per head, XVII. 247; taxes on, XXIII. 89.

EXPRESSION, in physiognomy, v. 19; anatomy of muscles of, I. 836.

—, of ideas and feelings, by voice and otherwise, XVIII. 767; music as medium of, XVII. 77.

—, Anatomy of, Sir C. Bell's work, III. 540.

EXPURGATORIUS INDEX LIBRORUM, XII. 730.

EXTENSIBILITY, of materials, XXII. 599.

EXTINCT ANIMALS, in relation to archæology, II. 336.

EXTRADITION, in law, VIII. 813.

—, TREATIES, XXIII. 532.

EXTRAORDINARY TITHE, Law relating to, XXIII. 413.

EXTRAVAGANTES, collections of decretals, v. 19.

EXTREME UNCTION, sacrament, Church of Rome, VIII. 813.

EXUVIATION, in Crustacea, VI. 652.

EYAS, falconer's hawk, IX. 7, 9.

EYCK, Hubert van, Flemish painter, VIII. 814.

—, Jan van, Flemish painter, VIII. 815; XXI. 438.

EYE, VIII. 816; anatomy of the, I. 885; in relation to light, XIV. 578; peripheral impressions from, XIX. 39; its normal length of vision, XVI. 258; its vision affected by the imagination, II. 206; diseases of, XVII. 780; XXIII. 53; in birds, III. 725; in reptiles, XX. 461; representations of, in ancient art, XIX. 612.

—, The Evil, xv. 205.

—, town, England, XXII. 622.

EYEBALL, Anatomy of the, I. 885; movements of, VIII. 825.

EYE-GLASS, in the microscope, XVI. 258.

EYE-GLASSES, spectacles, XXII. 372.

EYELIDS, Anatomy of the, I. 890; diseases of, XVII. 786.

EYE-PIECE, of telescope, XXIII. 139, 143.

EYE-SIGHT, Preservation of, XXII. 372.

EYLAU, Prussia, Battle of (1807), IX. 616; XVII. 211.

EYMERICH, N., his Directory of the Inquisition, XIII. 92.

EYQUEM, Pierre, Montaigne's father, XVI. 767.

EYRE, Edward J., his explorations in Australia, III. 105; his suppression of revolt in Jamaica, XIII. 551.

EYSTEIN, Norwegian king, XVII. 588.

EYTELWEIN, Johann A., his Compendium of Hydraulics, XII. 437.

EYTON, T. C., on birds, XVIII. 32.

EZEHO (Itzehoe), ancient town, Holstein, XIII. 518.

EZEKIEL, Old Testament prophet, VIII. 828.

EZRA, or Esdras, of Scripture, VIII. 830; XIII. 418; XVIII. 512; reformation and law-book of, III. 635.

—, Book of, VIII. 831.

—, Books of, in Apocrypha, VIII. 541.

—, Prophecy of, apocalyptic book, II. 175.

EZZELINO DA ROMANO, Ghibelline chief, VII. 622; vicar of Frederick II. in Italy, XIII. 475.

F, the sixth letter of the alphabet, VIII. 833.

FABER, family of pencil-makers in Nuremberg, XVIII. 490.

- FABER, Basil, German schoolmaster and theologian, VIII. 833.
 —, Cecilia Böhl von (Fernan Caballero), Spanish novelist, VIII. 833.
 —, Frederick William, English hymn-writer, VIII. 834.
 —, George Stanley, English divine, VIII. 834.
 —, Jacobus, early French Protestant writer, VIII. 835.
 —, Johann, anti-Protestant writer, VIII. 835.
 —, or Le Fèvre, Peter, an original member of the Company of Jesus, XIII. 652.
 FABIAN GENS, Roman clan, VIII. 835.
 FABIANI, ancient Roman college of Luperci, XV. 66.
 FABIAN TACTICS, VIII. 836.
 FABIVS MAXIMVS VERRUCOSUS, Quintus, surnamed Cunctator, Roman general, VIII. 836; XI. 442; XX. 749.
 FABIUS PICTOR, Quintus, Roman historian, VIII. 836; XIV. 728.
 FABLE, FABLES, VIII. 837; IX. 358; of Æsop, I. 212; of Babrius, III. 181; La Fontaine's, XIV. 204, 206; early French, IX. 640; Sanskrit, XXI. 287.
 — OF THE BEES, Mandeville's, XV. 472.
 FABLIAUX, Romantic, XX. 633.
 FABRE, Jayme, architect, his place in Spanish Gothic, II. 433.
 — D'ÉGLANTINE, French dramatist and Revolutionist, VIII. 840.
 FABRETTI, Raphael, Italian antiquary, VIII. 840.
 FABRIANO, town, Italy, VIII. 840.
 —, Gentile Da, Italian painter, VIII. 841.
 FABRICIUS, Caius Luscinus, Roman general and consul, VIII. 841.
 —, George, German poet and archaeologist, VIII. 841.
 —, Hieronymus, Italian anatomist, VIII. 841; I. 809; on the blood organs, XXIV. 96; his observations on embryology, VIII. 164.
 —, Joannes Albertus, German bibliographer, VIII. 841.
 —, Johann Christian, Danish naturalist, VIII. 842.
 FABRIZ VON HILDEN, Wilhelm (Fabricius Hildanus), his contributions to surgery, XXII. 676.
 FABRONI, Angelo, Italian biographer, VIII. 842.
 FABROT, Charles Annibal, French juriconsult, VIII. 843.
 FABULÆ ATELLANÆ, Roman comedies, II. 827.
 FABURDEN, in music, XVII. 81.
 FABYAN, Robert, English chronicler, VIII. 843.
 FACCIOLATI, Jacopo, Italian philologist, VIII. 843; his Latin lexicon, IX. 393.
 — Human, Anatomy of the, I. 825, 884; racial diversities of type, II. 112; in physiognomy, XIX. 3.
 FACING-POINTS, Railway, XX. 238.
 FACTOR, in mercantile law, VIII. 843.
 FACTORIALS, Tables of, XXIII. 14.
 FACTOR TABLES, XXIII. 7.
 FACTORY ACTS, VIII. 844; their effect on wages, XXIV. 311.
 FACTORY ISLAND, Sierra Leone, XXII. 45.
 FACULTY, in law, VIII. 846.
 —, in universities, VIII. 846; XXIII. 835.
 FADASI, station, East Central Africa, XXI. 657.
 FADRIQUE, Don, of Castile, brother of Pedro I., XVIII. 450.
 FÆCES, XVII. 670.
 FÆMUNDSÖ, lake, Norway, XVII. 576.
 FAENZA, town, Italy, VIII. 846; majolica ware of (Faience), XIX. 627.
 FÆREYINGA, Icelandic book, XII. 625.
 FAERY QUEEN, The, Spenser's poem, XXII. 394.
 FÆSULÆ, ancient town, Etruria, IX. 148.
 FAGGIUOLA, podesta of Pisa, XIX. 120.
 FAGOTT, musical instrument, XVII. 707.
 FAHLBERG, his experiments on sugar, XXII. 623.
 FAHLCRANTZ, Christian Erik, Swedish poet, VIII. 846; XXII. 757.
 FAHLERZ, mineral, XVI. 395.
 FAHLUN, town, Sweden, IX. 17.
 FAHLUNITE, mineral, XVI. 418.
 FAHRENHEIT, Gabriel Daniel, German physicist, VIII. 847; his thermometric scale, XXIII. 288.
 FAIDHERBE, Louis L. C., governor of Senegal, XXI. 661.
 FAINTING, failure of heart's action, XI. 554.
 FAIR, FAIRS, VIII. 847; Russian, XXI. 86; of Nijni-Novgorod, Russia, XVII. 502.
 FAIRBAIRN, Sir William, engineer, VIII. 849.
 FAIR ECKBERT, Tieck's tale, XXIII. 381.
 FAIRFAX, Lord, Parliamentary general, VIII. 851.
 —, Edward, English poet, VIII. 851.
 —, Mary (Mrs Somerville), scientific writer, XXII. 260.
 FAIRFIELD, town, Connecticut, U.S.A., VIII. 853.
 FAIRFIELDITE, mineral, XVI. 405.
 FAIR HAVENS, Crete, VI. 570.
 FAIRHOLT, Frederick William, English antiquary, VIII. 853.
 FAIR ISLAND, Shetland, Scotland, XVII. 848.
 FAIRLIGHT DOWN, Sussex, England, XXII. 723.
 FAIRMOUNT PARK, Philadelphia, U.S.A., XVIII. 737.
 FAIRY, FAIRIES, VIII. 854; II. 203.
 — MYTHOLOGY, in Celtic literature, V. 325.
 FAIRY-RING CHAMPIGNON, fungus, XVII. 761.
 FAISANS, Île de, France, XX. 126; XXIV. 136.
 FAITH, as a species of belief, III. 534; in relation to ethics, VIII. 589; to theology, XXIII. 264; St Paul's doctrine of, XVIII. 426.
 FAITHORNE, William, English painter and engraver, VIII. 855.
 —, William, English mezzotint engraver, VIII. 855.
 FAIZABAD, division, district, and town, India, VIII. 855; XVIII. 72.
 FAKARAVA, island, Tuamotu, South Pacific, XXIII. 602.
 FAKIH, Arab historian, XXIII. 3.
 FAKIR, member of Mohammedan religious order, VII. 113; XXII. 662, 665.
 FALABA, town, West Africa, IX. 1; XXII. 45.
 FALAISE, town, France, IX. 1; treaty of (1189), XXI. 484.
 FALASHAS, Jews of Abyssinia, IX. 1; I. 63.
 FALCIDIAN LAW, Roman, II. 79.
 FALCO, genus of birds, IX. 2; XIV. 53; XVIII. 56.
 FALCON, bird, IX. 2.
 —, state, Venezuela, XXIV. 140.
 FALCONE, Aniello, Italian painter, IX. 4.
 FALCONER, Hugh, English naturalist, IX. 4.
 —, William, English poet, IX. 4.
 FALCONET, Etienne Maurice, French sculptor, IX. 5.
 FALCONRY, IX. 5; kite for, XIV. 103.
 FALERII, ancient town, Etruria, IX. 12; VIII. 635.
 FALERNUS AGER, district, ancient Italy, IX. 12.
 FALICO, affluent of Niger, Africa, XVII. 496.
 FALIERO, Marino, doge of Venice, IX. 12; XXIV. 144.
 —, Vitale, doge of Venice, XXIV. 150.
 FALK, Johann Daniel, German writer and philanthropist, IX. 13.
 FALKE, Johann Friedrich Gottlieb, German historian, IX. 13.
 FALKIRK, town, Scotland, IX. 13; XXII. 554; battle of (1298), XXI. 487; battle of (1746), XXI. 526.
 FALKLAND, town, Scotland, IX. 13.
 —, Second Viscount (Sir Lucius Cary), V. 170.
 — ISLANDS, South Atlantic, IX. 14; birds of, III. 745.
 FALK LAWS, Germany, X. 513; XVII. 755.
 FALKNER, Thomas, Patagonian explorer, XVIII. 354.
 FAL-LA, musical composition, XVII. 84.
 FALLERSLEBEN, Hoffman von, German writer, XII. 44; X. 546.

- FALLING SICKNESS, disease, VIII. 479.
- FALLMERAYER, Jakob Philipp, German ethnologist and historian, IX. 16.
- FALL OF PRINCES, Lydgate's poem, XV. 98.
- FALLOPIUS, or Fallopio, Gabriello, Italian anatomist, IX. 16; I. 809.
- FALLOW DEER, VII. 24.
- FALLOWING, in agriculture, I. 337.
- FALL RIVER, town, Massachusetts, U.S.A., IX. 16.
- FALMOUTH, town, England, IX. 17.
- FALSE POINT, harbour, Orissa, India, IX. 17.
- FALSE PROPHET, Lucian's dialogue, XV. 45.
- FALSTER, island, Denmark, IX. 17.
- FALTERONA, Monte, mountain, Italy, XIII. 437.
- FALUDI, Francis, Hungarian writer, XII. 376.
- FALUN, town, Sweden, IX. 17.
- FAMAGOSTA, town, Cyprus, VI. 748.
- FAMAKA, town, East Central Africa, XXI. 658.
- FAMATINITE, mineral, XVI. 396.
- FAMILISTS, Christian sect, VI. 844.
- FAMILY, IX. 17; development of, VIII. 618; legal theories of, XIV. 364; in Roman law, XX. 671, 674, 688, 706, 712.
- COMPACT, of House of Bourbon (1733), XXII. 338; renewal of (1743), XXII. 339; third compact (1761), V. 681; IX. 590; XXII. 340; renewed (1796), XXII. 343.
- FAMINE FEVER, XXIII. 680.
- FAMINES, IX. 24; in Cape Verd Islands, V. 51; in India, XII. 766, 811; in Ireland, XIII. 269, 270, 272; emigration affected by, VIII. 173; how affected by the corn-laws, VI. 413.
- FAN, IX. 27; Chinese, V. 639.
- FANAL SIDÉRAL LIGHT, for lighthouses, XIV. 619.
- FANARIOTE PRINCES, of Walachia, XXI. 18, 20.
- FANDANGO, bird, XV. 455.
- FANEUIL HALL, Boston, Massachusetts, U.S.A., IV. 76.
- FANNIAN LAW, Roman, XXII. 644.
- FANO, town, Italy, IX. 28.
- FANS, tribe, West Coast, Africa, X. 3; XVII. 473.
- FANSHAW, Sir Richard, English poet and statesman, IX. 28.
- FANTI, Italian article of food, XV. 125.
- (or FANTE) TRIBE AND LANGUAGE, Gold Coast, Africa, II. 681; X. 756.
- FANTOCCINI, or Marionettes, XV. 546.
- FANUM FORTUNÆ, ancient town, Italy, IX. 28.
- FARABI, Al, Arab writer on music, XVI. 596.
- FARAD, electrical unit of measurement, XXIII. 116.
- FARADAY, Michael, English physicist, IX. 29; his contributions to chemistry, V. 467; to electrical science, VIII. 11, 36, 61, 107, 111; to magnetism, III. 64; XV. 244; his law of electrolytes, VIII. 107.
- FARAFREH, oasis, Africa, XVII. 695.
- FARAJ, Mohammed ibn, Moslem impostor, XVI. 585.
- FARALADI, Mohammed, Persian minstrel, XVIII. 656.
- FARBENLEHRE, Goethe's work, X. 734.
- FARCY, horse disease, X. 634; XXIV. 202.
- FAREHAM, town, England, IX. 32.
- FAREL, Guillaume, French Reformer, IX. 32; XX. 332; XXII. 790; his relations with Calvin, IV. 716.
- FARGITE, mineral, XVI. 423.
- FARIA Y SOUSA, Manoel de, Portuguese historian and poet, IX. 32; XIX. 557.
- FARID-EDDIN ABDALLAH (Rudagi), Persian poet, XXI. 49; XVIII. 658.
- FARIDKOT, state, North-Western India, IX. 33.
- FARIDPUR, district, British India, IX. 33.
- FARID-UDDIN-ATTAR, Persian mystic poet, IX. 89; XVIII. 658.
- FARINA, town, Tunis, IX. 34.
- , Giovanni Maria, first manufacturer of eau de Cologne, VII. 616.
- , Giuseppe la, Italian writer and politician, XIV. 201.
- FARINACCIUS, on the infliction of torture, XXIII. 466.
- FARINATO, Paolo, Italian painter and architect, IX. 34.
- FARINELLI (Carlo Broschi), Italian singer, IX. 34; influence of, at Spanish court, IX. 83; friend of Metastasio, XVI. 104; his range of voice, XXIV. 275.
- FARINERUS, William, general of Franciscans, XVII. 717.
- FARINI, Luigi Carlo, Italian physician, statesman, and historian, IX. 34.
- FARISAN ARCHIPELAGO, Red Sea, XX. 316.
- FARM BUILDINGS, I. 308.
- FARMER, Hugh, English theologian, IX. 35.
- , Richard, Shakespearean commentator, IX. 35.
- FARMERS, Education of, I. 408.
- FARMING, Large and Small, I. 411.
- IMPLEMENTS, I. 311.
- FARM LABOURERS, I. 408.
- FARM MANAGEMENT, of cattle, I. 389; of horses, I. 386; of sheep, I. 391.
- FARMS, Extent of, I. 406.
- , Small, Advantages of, XIV. 268.
- FARNABIE, or Farnaby, Thomas, English schoolmaster, IX. 34.
- FARNE ISLANDS, off Northumberland, England, XVII. 565.
- FARNESE, noble Italian family, IX. 36; XIII. 482.
- FARNESE, Alessandro (Pope Paul III.), XVIII. 430; XIX. 504.
- , Alessandro, of Parma, governor of Low Countries, IX. 37; XII. 77.
- , Elizabeth, wife of Philip V. of Spain, IX. 38; XVIII. 746; XXII. 337.
- , Ottavio, duke of Parma, IX. 36; XV. 537.
- , Pierluigi, duke of Parma and Piacenza, IX. 36.
- , Ranuccio, duke of Parma, IX. 36.
- PALACE, Rome, II. 438, 441; XVI. 235; XXI. 265.
- TAZZA, onyx vessel, XVII. 777.
- FARNHAM, town, England, IX. 39; XXII. 694.
- FARO, town, Portugal, IX. 39.
- FAROE ISLANDS, North Sea, IX. 39; VII. 83; XVII. 592; whirlpools of, XXIV. 542.
- FAROEELITE, mineral, XVI. 424.
- FARQUHAR, George, English dramatist, IX. 40; VII. 436.
- , Sir Robert, English governor, Mauritius, XV. 641.
- FARRAGUT, David Glascoe, American admiral, IX. 41.
- FARRAH, town, Afghanistan, I. 230; river, I. 229.
- FARRAKHABAD, district and town, India, IX. 42.
- FARRANT, Richard, English musical composer, IX. 43.
- FARS, or Farsistan, province, Persia, IX. 43.
- FARTHINGALE, in costume, VI. 472.
- FARTHING, Queen Anne's, XVII. 656.
- FAS, in Roman law, XX. 670.
- FASANI, Raniero, Italian writer, XIII. 500.
- FASANO, town, Italy, IX. 43.
- FASCINATION, Magical, XV. 202.
- FASCIOLA HEPATICA, liver-fluke, XXIII. 535; XXIV. 205.
- FASHODÓ, town, on the Nile, Africa, XVII. 507.
- FASSAITE, mineral, XVI. 416.
- FASTI, Roman calendars and chronicles, IX. 43.
- , Ovid's, XVIII. 81.
- FASTING, religious discipline, IX. 44; XVIII. 484.
- , Claus, Danish poet, IX. 49.
- FASTNET ROCK, Ireland, XIII. 216.
- FAT, in anatomy, I. 851; in pathology, XVIII. 389. See Fats.
- FATE, in philosophy and theology, XIX. 668.
- FATES, in classical mythology, IX. 49.
- FATH ALI, shah of Persia, XVIII. 647.
- FATHER AND CHILD, in law, I. 13.
- FATHERS, Apostolic, II. 195.
- OF CHRISTIAN DOCTRINE, monastic order, XVI. 712.
- OF THE CHURCH, IX. 49.
- FATHI MUHAMMAD, ruler of Cutch, VI. 731.

- FATHIPUR, district and town, India, IX. 50.
 — SIKRI, town, India, IX. 51.
 FATIHA, Lord's Prayer of the Koran, XVI. 603.
 FATIMA, daughter of Mohammed, IX. 51; XVI. 546.
 FATIMITES, Moslem dynasty, XVI. 587, 594; II. 259, 722; VII. 750; XXIII. 620.
 FATIO DE DUILLIER, on the invention of the calculus, XIII. 9.
 FATLINGS, Offerings of, XVIII. 343.
 FATOUHIVA, island, Marquesas, Pacific, XV. 564.
 FATRA, Mohammedan doctrine of, XVI. 548.
 FATS, oils, XVII. 739, 743; vegetable, XVII. 744, 746; XIX. 53.
 FATSISIO, island, Japan, XIII. 569.
 FATTEH KHAN, Afghan king, I. 239.
 FATTORE, Il (Gianfrancesco Penni), Italian painter, XVIII. 498.
 FATTY DEGENERATION, disease, XVIII. 390; of the heart, XI. 554.
 FATWA, town, India, XVIII. 409.
 FAUCHER, Léon, French political economist, IX. 51.
 FAUCHET, Claude, historian and antiquary (1530–1601), IX. 52.
 —, Claude, Abbé, Girondist (1744–1793), IX. 52.
 FAUJAS DE SAINT-FOND, Barthélemy, French naturalist, IX. 52.
 FAUJASITE, mineral, XVI. 421.
 FAULEN, mountain, Switzerland, XXI. 465.
 FAULTS, in rocks, X. 261, 301, 372; XVI. 442.
 FAUN, in classical mythology, IX. 53.
 FAURESMITH, village, Orange River Free State, Africa, XVII. 813.
 FAURIEL, Charles Claude, French historian and critic, IX. 53.
 FAUST, in mediæval legend, IX. 54.
 —, Goethe's, X. 539, 733, 735.
 —, Spohr's opera, XXII. 411.
 FAUSTA, Roman princess, VI. 300.
 FAUSTINA, Annia, wife of Marcus Aurelius, IV. 54.
 —, Temple of, at Rome, II. 416; XX. 820.
 FAUSTUS, in mediæval legend, IX. 54.
 —, Doctor, Marlowe's drama, XV. 556.
 —, Johannes, German printer, XXIII. 684.
 FAVARA, town, Sicily, IX. 56.
 FAVART, Charles Simon, French dramatist, IX. 56.
 FAVENTIA (Faenza), ancient town, Italy, VIII. 846.
 — (Barcelona), ancient town, Spain, III. 368.
 FAVERSHAM, town, England, IX. 56; XIV. 39.
 FAVORINUS, Greek sophist, IX. 56.
 FAVORITA, La, Donizetti's opera, VII. 364.
 FAVRE, his researches in law of energy in electricity, VIII. 89.
 FAVUS, disease, XVIII. 269; Schönlein's discovery in relation to, XV. 817.
 FAWCETT, Henry, English economist, his postal reforms, XIX. 570; his manual of political economy, XIX. 399.
 FAWKES, Francis, English poet, IX. 57.
 —, Guy, Gunpowder Plot conspirator, IX. 57.
 —, of Farnley Hall, friend of Turner, XXIII. 664.
 FAWKNER, John Pascoe, colonizer of Victoria, Australia, XXIV. 218.
 FAY, Andras, Hungarian poet, IX. 59; XII. 377.
 FAYAL, island, Azores, III. 172.
 FAYALITE, mineral, XVI. 410.
 FAYE'S COMET, VI. 192.
 FAYETTEVILLE, town, North Carolina, U.S.A., IX. 59.
 FAYOUM, district and lake, Egypt, VII. 774; labyrinth of, II. 387; VII. 774.
 FAYS, or Fairies, VIII. 854.
 FAZIL AHMED, Turkish vizier, XXIII. 645.
 FAZIO DEGLI UBERTI, mediæval Italian poet, XIII. 505.
 FAZOKLO, town, East Central Africa, XXI. 658.
 FEA, Carlo, Italian archæologist, IX. 59.
 FEALTY, Oath of, in feudal system, XIV. 114; IX. 121; XII. 107.
 FEARNE, Charles, English jurist, IX. 59.
 FEAST-DAYS, IX. 113.
 FEAST OF THE LEARNED (Deipnosophistæ), Athenæus's work, II. 831.
 FEASTS, Jewish, XVIII. 511; feast of the passover, XVIII. 343, 511; of tabernacles, XXIII. 6; XVIII. 511; of unleavened bread, XVIII. 343, 511; of weeks, XVIII. 511, 514.
 —, Sacrificial, XXI. 134.
 FEATHERS, IX. 59; of birds, III. 727, 776; XVIII. 26; XXII. 107, 108.
 FEATHER-STARS, crinoid Echinodermata, VII. 635.
 FEBRILE DISEASES, XVIII. 394.
 FEBRONIUS, Justinus (Hontheim), writer on Gallican liberties, XII. 143; XIX. 507.
 FEBRUARY, month, IX. 61; XV. 66.
 FÉCAMP, town, France, IX. 61; XXI. 626.
 FECHNER, G. T., on æsthetics, I. 220; his metaphysical system, VIII. 767.
 FECHNER'S LAW, in psycho-physics, XXIV. 470; XVII. 104.
 FECKENHAM, or Fecknam, John de, abbot of Westminster, IX. 61.
 FECUNDATION, in biology, III. 686; of animal ovum, XX. 417; of plants, XX. 425.
 FEDAIS, or Assassins (*q.v.*), II. 723.
 FEDCHENKO, Alexis Paulowitch, Russian naturalist, IX. 61.
 FEDDERSEN, on electrical discharges, VIII. 65.
 FEDERAL GOVERNMENT, IX. 61; XI. 20; in Switzerland, XXII. 795; in United States, XXIII. 749.
 FEDERICI, Camillo, Italian dramatist, IX. 63.
 FEDKOVICH, Yuri, Russian poet, XXI. 110.
 FEDLIMID, king of Munster, XIII. 252.
 FEE, in English law, IX. 63.
 FEEDING STUFFS, their value as manure, XV. 511.
 FEEJEE (or FIJI) ISLANDS, Pacific, IX. 155; XV. 835.
 FEELING, in psychology, XX. 40, 66, 74.
 —, Sense of, XXIII. 478; in mammals, XV. 367; nerves of, I. 897.
 FEET, of mammals, XV. 360.
 — WASHING, Maundy Thursday rite, XV. 635.
 FEGATELLA, genus of liverworts, XVII. 67.
 FEHLING, H., his tests of sugar, XXII. 624.
 FEHMARN, island, Schleswig-Holstein, XXI. 414.
 FEHMIC COURTS (Fehmgerichte), Germany, IX. 63; X. 495.
 FEHRBELLIN, Prussia, Battle of (1675), XX. 7.
 FEINAIGLE, Grégoire de, his system of mnemonics, XVI. 533.
 FEIRAN, wady, Sinai, Arabia, XXII. 89.
 FEITAMA, Sybrand, Dutch writer, IX. 64; XII. 96.
 FEITH, Rhijnvis, Dutch poet, IX. 64; XII. 97.
 FEIYOOM, district and lake, Egypt, VII. 774; labyrinth of, II. 387; VII. 774.
 FEJÉR, Gyorgy, Hungarian writer, IX. 64.
 FELDBERG, mountain, Black Forest, Germany, XXIV. 700.
 FELDKIRCH, town, Vorarlberg, Austria, IX. 65; XXIV. 297.
 FELDON, district, Warwickshire, England, XXI. 739.
 FELEGYHAZA, town, Hungary, IX. 65.
 FÉLIBIEN, André, French architect and historiographer, IX. 65.
 —, Dom Michel, French historian, IX. 65.
 FELIDÆ, family of Carnivora, XV. 434.
 FELINITE, mineral, XVI. 425.
 FELINSKI, Aloysius, Polish dramatist, XIX. 303.
 FELIX I., pope, IX. 65.
 — II., pope, IX. 66.
 — III. (or II.), pope, IX. 66; XIX. 492.
 — IV. (or III.), pope, IX. 66.
 — V. (or IV.), pope, I. 650; XIX. 503; XXI. 341.
 — of Urgel, Adoptianist, I. 163; XIV. 449.
 — of Valois, founder of order of

- Trinitarians, IX. 66; XVI. 709; XXIII. 574.
- FELIX, Antonius, procurator of Judæa, IX. 66; XIII. 427.
- , Elizabeth, French actress, XX. 203.
- AND REGULA, Sts, Abbey of, Zurich, Switzerland, XXII. 781; XXIV. 830.
- MARTE DE HYRCANIA, romance, XX. 659.
- FELL, John, bishop of Oxford, IX. 66.
- , Margaret, English Quakeress, IX. 501; XX. 148.
- FELLAHS, or Fellaheen, Moslem Egyptians, I. 266; VII. 723.
- FELLATAHS, or Foulahs (*q.v.*), people, Africa, I. 263.
- FELLENBERG, Philipp Emanuel von, Swiss educationist, IX. 67.
- FELLER, François Xavier de, Belgian writer, IX. 67.
- FELLOWS, Sir Charles, English traveller and antiquary, IX. 67.
- FELQ DE SE, in law, IX. 68. See also XXII. 629.
- FELON-GRASS, hellebore, XI. 635.
- FELONY, in law, IX. 68; VI. 588.
- FELSPAR, mineral, X. 227; XI. 48; XVI. 418.
- FELSTONE, rock, XI. 49.
- FELT, fabric of matted fibres, IX. 68; XXIV. 658; in hat industry, XI. 518.
- FELTHAM, Owen, English moralist, IX. 69.
- FELTON, John, assassin of Buckingham, IV. 419.
- FELTRE, town, Italy, IX. 69.
- , Morto da, Italian painter, IX. 69.
- FELTRIA, ancient town, Italy, IX. 69.
- FELUP GROUP, of Negroes, XVII. 319.
- FELWORT, plant, X. 160.
- FEMMES SAVANTES, Les, Molière's play, XVI. 629.
- FEMUR, or Thigh-bone, Anatomy of the, I. 829; of birds, III. 722.
- FENCES, in agriculture, I. 309.
- FENCING, in gymnastics, IX. 69.
- FÉNELON, Bertrand de Salignac, French diplomatist, IX. 72.
- , François de Salignac, archbishop of Cambray, IX. 72, 662; his economic teaching, XIX. 359.
- FENIANS, in early Irish history, IX. 74; in recent history, XIII. 271.
- FEN LAND, Reclamation of, I. 404.
- FENN, Sir John, English antiquary, XVIII. 344.
- FENNEL, plant, IX. 76; XII. 289.
- FENNIANS, or Fenians, IX. 74; Fennian tales, V. 311.
- FENS, Reclamation of, I. 404; Bedford level, England, III. 482; in Cambridgeshire, IV. 727; in Lincolnshire, XIV. 653; in Holland, XII. 62.
- FENTON, Elijah, English poet, IX. 76.
- , Sir Geoffrey, English statesman and writer, IX. 76.
- FENUGREEK, herb, IX. 76.
- FENWICK, John, Quaker settler in New Jersey, XX. 152; his relations with Penn, XVIII. 494.
- FEODOR I., czar of Russia, XXI. 93.
- II., czar of Russia, XXI. 95.
- III., czar of Russia, XXI. 96.
- FEOFFEE, in English law, XXIII. 596.
- FEOFFMENT, in English law, IX. 77.
- FERBERITE, mineral, XVI. 403.
- FERDINAND, the name, IX. 77.
- I., emperor, IX. 77; X. 499; becomes king of Hungary, III. 124; XII. 369.
- II., emperor, IX. 77; X. 500; his relations with Wallenstein, XXIV. 328.
- III., emperor, IX. 78; X. 502.
- I., king of Aragon and Sicily, IX. 80; II. 324.
- II., of Aragon (V. of Castile), IX. 81; XXII. 325.
- I., emperor of Austria, IX. 78; III. 136; XII. 371.
- , duke of Brunswick, IX. 84; in the Seven Years' War, IX. 589.
- I., the Great, king of Castile, IX. 80; XXII. 315.
- II., of Leon, IX. 80; XXII. 317.
- III., St. of Castile and Leon, IX. 81; XXII. 317.
- IV., of Castile and Leon, IX. 81; XXII. 319.
- V., of Castile, IX. 81; XXII. 325; his conquest of Naples, XIII. 481; Prescott's History of, XIX. 702.
- VI., king of Spain, IX. 82; XXII. 339.
- VII., of Spain, IX. 83; XXII. 345.
- I., king of Naples, IX. 78.
- II., of Naples, IX. 78; XIII. 488.
- III., of Naples (V. of Castile), IX. 81; XXII. 325.
- IV., of Naples (I. of Two Sicilies), IX. 78; XIII. 485; XXII. 29.
- , king of Portugal, IX. 79; XIX. 543.
- VI., VII., kings of Spain. See under Ferdinands of Castile.
- I., grand-duke of Tuscany, XV. 791.
- II., of Tuscany, XV. 792.
- III., of Tuscany, IX. 84.
- I., king of the Two Sicilies (IV. of Naples), IX. 78; XIII. 485; XXII. 29.
- II., of the Two Sicilies, IX. 79; XIII. 488.
- AND ISABELLA, Prescott's History of, XIX. 702.
- , COUNT FATHOM, Smollett's novel, XXII. 184.
- FEREIRA, Antonio de, Portuguese poet, XIX. 556.
- FERENTINO (the ancient Ferentinum), town, Italy, IX. 84.
- FERENTO, town, Italy, IX. 85.
- FERGHANA, province, Russian Turkestan, IX. 85; XXII. 818; XXIII. 632.
- FERGUSON, Adam, Scottish philosopher and historian, IX. 86.
- , James, English mechanist and astronomer, IX. 87.
- FERGUSONITE, mineral, XVI. 427; polarity of, XIX. 313.
- FERGUSON, James, on the Holy Sepulchre, XXI. 671.
- , Robert, Scottish poet, IX. 87.
- , Sir William, surgeon, IX. 88.
- FERIÆ, Roman festivals, IX. 114; Latinæ, XIII. 781.
- FERID-EDDIN-ATHAR, Persian mystic poet, IX. 89; XVIII. 658.
- FERISHTA, Mohammed Kasim, Persian historian, IX. 89.
- FERMANAGH, county, Ireland, IX. 90; population and representation, XXIII. 727.
- FERMAT, Pierre de, French mathematician, IX. 91; on maxima and minima, XIII. 7; on porisms, XIX. 520.
- FERMENTATION, IX. 91; in animal tissues, XXII. 680; in plants, XIX. 51; due to minute organisms, XXI. 407; in brewing, IV. 275; minor, in wine-making, XXIV. 602; Schwann's observations on, XXI. 460.
- FERMO, town, Italy, IX. 98.
- FERMOR, Russian general, XXI. 99.
- FERMOY, town, Ireland, IX. 99.
- FERN, plant, IX. 100. See Ferns.
- FERNAN CABALLERO (Cecilia Böhl von Faber), Spanish novelist, VIII. 833.
- FERNANDEZ, Alvaro, Portuguese explorer, IX. 99.
- , Diego, Spanish adventurer and historian, IX. 99.
- , Joam, Portuguese traveller, IX. 99.
- , Juan, Spanish adventurer, IX. 99.
- , Juan, Spanish navigator, IX. 99.
- FERNANDO DE NORONHA, islands, South Atlantic, IX. 99.
- FERNANDO PO, island, West Africa, IX. 100; I. 272; XXII. 298.
- FERNEL, Jean François, French physician, IX. 100.
- FERNEY, near Geneva (dep. Ain), Voltaire's residence, XXIV. 290.
- FERNOW, Karl Ludwig, German art critic and archæologist, IX. 100.
- FERNS, group of plants, IX. 100; XXIV. 129; reproduction of, IV. 160; XX. 423; stem in, IV. 106; as garden and hot-house plants, XII. 267.
- FERN-TREE, XXIII. 534.
- FEROE ISLANDS, or Faroe Islands (*q.v.*), Norwegian Sea, IX. 39.
- FEROZEPUR, district, India, IX. 241; XX. 109; town, IX. 241.
- FEROZESHAHR (Firoz-shahr), India, Battle of (1845), XX. 112.
- FERRAND, Comte, French statesman and writer, IX. 107.
- FERRARA, town, Italy, IX. 107; school of painting of, XXI. 437, 443; sword

- blades of, XXII. 803; university, XXIII. 837.
- FERRARA, Francesco, Italian economist, XIX. 387.
- FERRARI, Lewis, Italian algebraist, I. 513.
- GAUDENZIO, Italian painter, IX. 108.
- FERREIRA, Antonio, Portuguese poet, IX. 109.
- FERRET, albino variety of the polecat, IX. 109; XV. 440; XIX. 331.
- FERRETTI, Giovanni Maria Mastai (Pope Pius IX.), XIX. 156.
- FERREUS, Scipio, Italian algebraist, I. 513.
- FERREX AND PORREX, earl of Dorset's tragedy, VII. 373, 428.
- FERRI, Ciro, Italian painter, IX. 109.
- FERRICYANIDES, XX. 24.
- FERRIER, David, on motor areas in man, XIX. 41.
- , James Frederick, Scottish metaphysician, IX. 109.
- , Susan Edmonston, Scottish novelist, IX. 110.
- FERRO, island, Canaries, IV. 800; longitude measured from it, XXIII. 394.
- FERROCYANIDES OF IRON, XX. 24.
- FERROL, town, Spain, IX. 111.
- FERROLITO, castle, Nicastro, Italy, XVII. 480.
- FERRO-MANGANESE, metal, XIII. 350.
- FERROTITANITE, mineral, XVI. 426.
- FERRU, Monte, Sardinia, XXI. 307.
- FERRY, Law relating to, IX. 111.
- , Nicholas (Bébé), dwarf, VII. 567.
- FERRYBANK, town, Kilkenny, Ireland, XXIV. 401.
- FERSEN, Axel, Count, Swedish general, IX. 112.
- FERTÉ MACÉ, La, town, France, XVIII. 2.
- FERTILIZATION, of animal ovum, XX. 417; XXI. 721; of plants, IV. 147; XX. 425; of soil, I. 342; XI. 234; XV. 505.
- FERTŐ, lake, Hungary, XII. 362.
- FESCA, Frederic Ernest, German musical composer, IX. 112.
- FESCH, Joseph, French cardinal, IX. 112.
- FESS, in heraldry, XI. 694.
- FESSLER, Ignaz Aurelius, Hungarian ecclesiastic and writer, IX. 113.
- FESTAL EPISTLES, giving dates of movable feasts, VIII. 483.
- FESTIN DE PIERRE, Molière's play, XVI. 628.
- FESTING, Colonel, his spectroscopic observations, XXII. 380.
- FESTINOG, town, Wales, XVI. 39.
- FESTIVALS, IX. 113; ancient Greek, XVII. 124; Jewish, XVIII. 511; XXIII. 6; Mexican, XVI. 212; pilgrimages in connexion with, XIX. 90.
- FESTUS, Porcius, Roman procurator, XIII. 427.
- FESTUS, Sextus Pompeius, Latin grammarian, IX. 118.
- FETBOL, mineral, XVI. 425.
- FETICHISM, IX. 118; XV. 20; XX. 367.
- FÉTIS, François Joseph, Belgian writer and musical composer, IX. 119.
- FETLAR, island, Shetland, Scotland, XVII. 846.
- FETOHOUGO, island, Marquesas, Pacific, XV. 564.
- FEU, in Scots law, IX. 119.
- FEUCHTERSLEBEN, Edouard, Freiherr von, Austrian medical writer, IX. 119.
- FEUDALISM, FEUDAL SYSTEM, IX. 119; XI. 11; XVIII. 303; Celtic, V. 799; Chinese, VI. 259; Frankish, IX. 529; German, X. 479, 481; under the Normans in England, VIII. 296; in Scotland, XXI. 483, 486; its influence on constitution of armies, II. 563; its economic effects, XIX. 351; in relation to knighthood and chivalry, XIV. 112.
- FEUERBACH, Ludwig Andreas, German philosopher, IX. 123.
- , Paul Johann Anselm von, German jurist, IX. 124.
- FEUILLANTS CLUB, France (1791), IX. 602.
- FEUILLETON, of French newspaper, IX. 125.
- FEVER, IX. 125; XVIII. 394; diet in, VII. 206; malarious, XV. 316; relapsing, XXIII. 680; scarlet, XXI. 376; typhoid, XXIII. 678; typhus, XXIII. 676; yellow, XXIV. 734.
- THERMOMETER, XXIII. 292.
- FEYDEAU, Ernest-Aimé, French writer, IX. 126, 679.
- FEYJOO, Benito, Spanish writer, XXII. 360.
- FEZ, town, Morocco, IX. 126; XVI. 831; mosque at, XVI. 865.
- FEZARA, lake, Algeria, I. 563.
- FEZZAN, country, Africa, IX. 128; XVII. 695; XXIII. 574.
- FIACRE, coach, origin of name, IX. 130.
- , St, French hermit, IX. 130.
- FIALIN, Jean Gilbert Victor, Duc de Persigny, French general, XVIII. 661.
- FIAMINGO, Il (François Duquesnoy), Flemish sculptor, XXI. 563.
- FIAMMETTA, Boccaccio's, III. 843.
- FIANARANTSOA, town, Madagascar, XV. 175.
- FIAR, river, France, XX. 528.
- FIARS PRICES, in Scots law, IX. 130.
- FIBER, genus of rodent mammals, XV. 418, 419; XVII. 108.
- FIBONACCI, Leonardo, of Pisa, mathematician, XIX. 125.
- FIBRES, Textile, IX. 131; alpaca, I. 597; llama, XIV. 738; mohair, XVI. 544; silk, XXII. 56; wool, XXIV. 653; coir, VI. 103; cotton, VI. 483; flax, IX. 296; hemp, XI. 647; Manila hemp, XV. 488; jute, XIII. 800; phormium, XVIII. 812; rhea, XX. 506; from
- Algeria, I. 565; used in paper-making, XVIII. 225.
- FIBRIN, albuminoid substance, IX. 133; XX. 483.
- FIBROFERRITE, mineral, XVI. 401.
- FIBROIN, core of silk fibre, XXII. 61.
- FIBROLITE, mineral, XIII. 541; XVI. 408.
- FIBROMA, disease, XVIII. 368.
- FIBROUS TISSUE, in man, I. 849; XII. 6.
- FIBULA, bone of leg, I. 829; in birds, III. 723.
- FICHTE, Johann Gottlieb, German metaphysician, IX. 134; his five ages, I. 279; his criticism of Kant's categories, V. 224; metaphysics of, XVI. 87; his influence on German rationalism, XX. 290; his relations with Schelling, XXI. 390.
- FICHTELBERG, mountain, Germany, VIII. 533; XXI. 357.
- FICHTELGEBIRGE, mountain range, Bavaria, IX. 138.
- FICHELITE, mineral, XVI. 429.
- FICINO, Marsilio, Italian philosopher, IX. 138.
- FICTION, in English literature, VIII. 421, 428, 429, 430. See also Romance, XX. 632.
- FICTIONS, in law, IX. 140; XIV. 365.
- FICUS, genus of plants, IX. 153.
- FIDANZA, John of (St Bonaventura), scholastic philosopher, IV. 30; XXI. 427.
- FIDDLE, musical instrument, XXIV. 242.
- FIDDLERS' MUSCLES, I. 840.
- FIDEICOMMISSUM, in Roman law, XXIII. 595.
- FIDELITY GUARANTEE, in insurance, XIII. 161.
- FIDENÆ (Castello Giubileo), ancient town, Italy, IX. 141; wooden amphitheatre at, I. 775.
- FIDICULA, ancient musical instrument, XXIV. 242.
- FIELD, John, English musical composer and pianist, IX. 141.
- , Nathan, English dramatist, IX. 141; VII. 433.
- ARTILLERY, II. 661, 663.
- FIELDFARE, bird, IX. 142.
- FIELD GUNS, XI. 306, 313.
- FIELD HOSPITALS, I. 667.
- FIELDING, Copley, English painter, IX. 142.
- , Henry, English novelist, IX. 142; as satirist, XXI. 320; his place in English literature, VIII. 430.
- FIELD-MARSHAL, military title, XV. 574.
- FIELD OF THE CLOTH OF GOLD, France, II. 480; XXIV. 635.
- FIELD OF WOODCOCKS, Russia, Battle of the (1380), XXI. 91.
- FIERABRAS, romance, XX. 651.

- FIERI FACIAS, in English law, IX. 147; XXIV. 696.
- FIESCHI, Counts of, Italy, XIV. 350.
- , Giovanni Luigi de', Genoese conspirator, IX. 147.
- , Joseph Marie, French conspirator, IX. 147.
- , Sinibaldo de (Pope Innocent IV.), XIII. 84.
- FIESCO, or Fieschi, Giovanni Luigi de', Genoese conspirator, IX. 147.
- , Schiller's play, XXI. 396.
- FIESOLE, town, Italy, IX. 148.
- , Fra Giovanni Angelico da (Fra Angelico), Italian painter, IX. 148, 772; XXI. 434, 435.
- , Mino di Giovanni da, Italian sculptor, XVI. 477; XXI. 568.
- FIÉVÉE, Joseph, French journalist, XVII. 426; XVIII. 540.
- FIFE, county, Scotland, IX. 150; area and population, XXI. 528; coalfields, VI. 54; representation, XXIII. 727.
- , musical instrument, IX. 351.
- FIFTH MONARCHY MEN, Puritan sect, IX. 153.
- FIG, tree and fruit, IX. 153; IV. 121; XII. 271.
- FIGARO, dramatic character, IX. 155.
- , Paris newspaper, IX. 155; XVII. 427.
- , comedy by Beaumarchais, III. 468.
- , opera by Mozart, XVII. 11.
- , José de Larra, Spanish satirist, XXII. 361.
- FIGBURY RING, Wilts, England, XXIV. 594.
- FIGEAC, town, France, IX. 155.
- FIGIG, town, Sahara, Africa, XXI. 149.
- FIGUERAS, town, Spain, IX. 155.
- FIGURE, Rigid, Kinematics of a, XV. 691.
- OF THE EARTH, VII. 597.
- FIGURES, Lully's logical system of, XV. 64.
- , Mathematical, XV. 268.
- FIGURE STONE, mineral, XVI. 425.
- FIHR, tribe, Arabia, II. 256.
- FIHRIST, work on Arabic literature, XVII. 160; XV. 482, 484.
- FIJI ISLANDS, South Pacific, IX. 155; XV. 835.
- FILANGIERI, Carlo, Italian general, IX. 158.
- , Gaetano, Italian publicist, IX. 159; XIX. 362.
- FILARETE, Antonio, Florentine sculptor, XXI. 568.
- FILARIA, genus of nematode worms, XVII. 325; XXIV. 206.
- FILATURE, reeling of silk, XXII. 61.
- FILBERT, tree and nut, XI. 548; plantations of, I. 384.
- FILE, steel tool, IX. 160; XI. 438.
- FILE-FISH, IX. 161.
- FILELFO, Francesco, Italian scholar, IX. 161.
- FILFLA, islet, Mediterranean Sea, XV. 339.
- FILI, Irish bards, V. 303.
- FILIBUSTER, buccaneer, IX. 162; IV. 408.
- FILICAIA, Vincenzo da, Italian poet, IX. 162; XIII. 511.
- FILICES, or Ferns, IX. 101.
- FILICINÆ, class of plants, XXIV. 129.
- FILICUDI, Lipari Islands, Mediterranean Sea, XIV. 683.
- FILIGREE, jewel work of threads and beads, IX. 163.
- FILING OF DOCUMENTS, in law, XX. 342.
- FILINTO ELYSIO (F. M. do Nascimento), Portuguese writer, XIX. 557.
- FILIPPINO LIPPI, Italian painter, XIV. 685; IX. 773; XV. 606; XXI. 435.
- FILIPPO OTTONIERI, Leopardi's imaginary biography, XIV. 464.
- FILIPPOPEL (Philippopolis), town, Roumelia, Turkey, XVIII. 753.
- FILLAN, St, Scottish saint, IX. 164.
- FILLE DU RÉGIMENT, by Donizetti, VII. 363.
- FILLES À LA CASSETTE, French emigrant girls at New Orleans, XVII. 403.
- FILLET, in architecture, II. 464.
- FILLMORE, Millard, president of United States, IX. 165; XXIII. 770.
- FILLOWITE, mineral, XVI. 404.
- FILMER, Sir Robert, English political writer, IX. 166.
- FILMS, Liquid, in capillary action, V. 58, 59, 65.
- , Sensitive, in photography, XVIII. 836.
- FILOCOPO, tale by Boccaccio, III. 843; XIII. 504.
- FILOSTRATO, poem by Boccaccio, III. 844.
- FILTER, apparatus for purifying liquids, IX. 166.
- FILTER-BEDS, in water-works, XXIV. 408.
- FIN, of fish, XII. 637; XXII. 119.
- FINALE DELL' EMILIA, town, Italy, IX. 171.
- FINANCE, IX. 171; Law's system of, XIV. 369.
- FINCH, bird, IX. 191.
- , Daniel, earl of Nottingham, English secretary of state, XVII. 600.
- , Heneage, earl of Nottingham, lord chancellor of England, XVII. 600.
- , Margaret, long-liver, XVII. 596.
- FINCK, Heinrich, German composer, IX. 193.
- , Hermann, German musical writer, IX. 193.
- FIND, Celtic hero, IX. 215.
- FINDEN, William, English engraver, IX. 193.
- FINDHORN, river, Scotland, VIII. 129; XVII. 166.
- FINE, in law, IX. 193.
- ARTS, The, IX. 194; theory of, I. 212; application of, in numismatics, XVII. 629, 633; position of poetry among, XIX. 260, 262; how affected by the Renaissance, XX. 385, 390; Japanese, XIII. 588; Winckelmann's studies in, XXIV. 597; academies of, I. 77, 78.
- FINFOOT, bird, XX. 223.
- FINGAL, Celtic hero, IX. 215.
- FINGAL'S CAVE, Staffa, Scotland, V. 265.
- FINGER RINGS, XX. 560.
- FINGERS, Anatomy of the, I. 828; joints of, I. 839; use of, to express numbers, XVII. 625; redundancy of, XVI. 762; whitlow on, XXIV. 555.
- AND TOES, in turnips, I. 367.
- FINGOLAND, South Africa, XIII. 817.
- FINI, Tommaso (Masolino), Italian painter, XV. 610; XXI. 435.
- FINIAL, in architecture, II. 464.
- FINIGUERRA, Maso, Italian engraver, IX. 215.
- FINISTÈRE, department, France, IX. 215.
- FINLAND, province, Russia, IX. 216; XXI. 69; acquisition of, by Russia (1809), XXI. 100; XXII. 752; climate of, XXII. 738; newspapers, XVII. 430; periodical literature, XVIII. 543.
- , Gulf of, Russia, III. 294.
- FINLAY, George, English historian of Greece, IX. 220.
- FINNANS, smoked haddocks, I. 44.
- FINNER, cetacean mammal, XV. 395.
- FINNISH LANGUAGE, XXIV. 1; dictionaries of, VII. 188.
- FINNS, race of people, IX. 219; XXI. 79; religion of, XX. 363.
- FINSBURY, borough, London, XIV. 821.
- FINTRY HILLS, Scotland, XXII. 553.
- FIIGO, town, Japan, XI. 851.
- FIORENTI, Aristotle, Italian architect, XXI. 91.
- FIORENTINO, Giovanni, mediæval Italian writer, XIII. 505.
- FIORENUOLA, town, Italy, IX. 221.
- FIORILLO, Johann Dominicus, German painter and historian of art, IX. 221.
- FIORITE, mineral, XVI. 390.
- FIOTE, language, Congo, Africa, VI. 267.
- FIR, coniferous tree, IX. 222; culture of, II. 316, 319; Riga, strength of its wood, XXII. 603; Scotch, XIX. 103; of United States, XXIII. 808; of California, IV. 704.
- FIRANDO, island, Japan, XIII. 569.
- FIRBOLGS, Irish legendary people, V. 299; XIII. 243; XV. 650.
- FIRDOUSI, or Firdausi, Persian poet, IX. 225; XVIII. 656; patronage of, by Mahmud, XV. 287; his place as epic poet, XIX. 267.
- FIRE, element, IX. 227; acquaintance of early man with, VIII. 617; in mythology, XVII. 158; XIX. 807; sacred, of Zoroastrians, XXIV. 193; traditions

- concerning, XI. 679; Kant's Thoughts on, XIII. 847.
- FIRE, FIRES, Destructive (with list of fires), IX. 233; in coal mines, VI. 74; construction of houses for protection against, IV. 453; extinction of, IX. 235; in Chicago (1871), V. 611; in London, XIV. 826, 848.
- FIREBALL, Meteoric, XVI. 108; XXIII. 330.
- FIRE-BALLOONS, I. 206.
- FIRE-BRICKS, IX. 238.
- FIRE BRIGADES, IX. 237.
- FIRE-CLAY, IX. 238.
- FIRE-DAMP, in mines, XVI. 194, 459.
- FIRE-ENGINES, IX. 235.
- FIRE-ESCAPES, IX. 236.
- FIRE-FLY, XVIII. 814.
- FIRE INSURANCE, XIII. 161.
- FIRE MARBLE, mineral, XVI. 397.
- FIRENZE (Florence, *q.v.*), town, Italy, IX. 330.
- FIRENZUOLA, Agnolo, Italian poet, IX. 240.
- FIREPLACE, XXII. 579; in relation to smoke abatement, XXII. 181; ventilation by, XXIV. 159.
- FIREPROOF CLOTH, II. 675.
- FIREPROOF SAFES, XXI. 144.
- FIRE-RAISING, crime, II. 635.
- FIRE-STEALING, in mythology, XVII. 158; XIX. 807.
- FIRETAIL, bird, XX. 317.
- FIRE TRICKS, in magic, XV. 208.
- FIREWORKS, XX. 134.
- FIRLE BEACON, Sussex, England, XXII. 723.
- FIRMIANUS, Lucius Cælius, early Christian writer, XIV. 195.
- FIRMICUS, Maternus Julius, Latin writer, IX. 241; XV. 489.
- FIRMNESS, in phrenology, XVIII. 845.
- FIRMUM PICENUM (Fermo), ancient town, Italy, IX. 98.
- FIROZPUR, district, India, IX. 241; XX. 109; town, IX. 241.
- FIROZ SHAH, Monument of, at Gaur, Bengal, X. 115.
- FIROZ-SHAHR, India, Battle of (1845), XX. 112.
- FIRST IMPRESSIONS OF ENGLAND AND HER PEOPLE, Hugh Miller's work, XVI. 319.
- FIRSTLINGS, Sacrificial offerings of, XVIII. 343.
- FIRTH, or Estuary, XXI. 579; formation of, X. 257.
- FIRUZ-KOH, ancient town, Afghanistan, X. 570.
- FISA, or Visions, in Irish literature, V. 310; in Welsh, V. 326.
- FISCHART, Johannes, German satirist, IX. 242; X. 528.
- FISCHERITE, mineral, XVI. 405.
- FISCHER VON ERLACH, Viennese architect, XXIV. 220.
- FISH, FISHES, XII. 630; XIX. 126; hypothetical primitive form, XXIV. 181; blind, of Mammoth Cave, U.S.A., XV. 450; works on development of, VIII. 168; electric, VII. 694; VIII. 8; XII. 649, 694; XX. 299; XXII. 68; fossil, Agassiz's researches on, I. 275; marine, distribution of, VII. 280, 282; mimicry in, XVI. 343; olfactory organs of, XXII. 166; poisonous, XV. 782; reproduction of, XX. 409; skeleton of, XXII. 106; spawning of, IX. 244; taxidermy of, XXIII. 90; organs of touch in, XXIII. 478; transport of, IX. 243; of America, I. 684; of Himalayas, XI. 834; of India, XII. 743; in Lankester's classification, XXIV. 812.
- FISH-CROW, bird, XIII. 533.
- FISH-CULTURE, XIX. 126; XXI. 226.
- FISHER, or Fisher Marten, XV. 577; skins of, IX. 838.
- , James, Scottish divine, XXIII. 728.
- , John, bishop of Rochester, IX. 242; VIII. 414; beheaded, VIII. 335.
- , Mary, English Quakeress, XX. 148, 152.
- FISHERIES, Sea, IX. 243; mackerel, XV. 160; mussel, XVII. 110; oyster, XVIII. 107; pearl oyster, XVIII. 446; pilchard, Cornwall, VI. 426; seal, XXI. 581; sponge, XXII. 428; sword-fish, XXII. 804; whale, XXIV. 526; whitebait, XXIV. 550; of Canada, IV. 774; XX. 166; of England, VIII. 233; of Holland, XII. 67; of Kinsale, Ireland, VI. 403; of Labrador, XIV. 176; of Maine, U.S.A., XV. 300; of Newfoundland, XVII. 384; of Queensland, XX. 174; of Russia, XXI. 85; of the Volga, XXIV. 280.
- FISHERMEN, Laws relating to, XXI. 607.
- FISHERY BOARDS AND COMMISSIONS, XIX. 129.
- FISHERY LAWS, IX. 268; as affecting rivers, XX. 565; with reference to salmon, XXI. 225.
- FISHES, XII. 630. See under Fish, above.
- FISH-EYE PROBLEM, in optics, XIV. 599.
- FISHGUARD, town, Wales, XVIII. 482.
- FISH-HAWK, bird, XVIII. 56.
- FISHING BOATS, IX. 246.
- FISHING-FROG, fish, IX. 269; XII. 690.
- FISHING HOOKS AND TACKLE, for angling, II. 32, 33, 38.
- FISHING NETS, XVII. 358.
- FISH MOTH, destructive insect, in Natal, XVII. 241.
- FISH OIL, XVII. 744, 747.
- FISH-PLATES, Railway, XX. 242.
- FISK UNIVERSITY, Nashville, Tennessee, U.S.A., XVII. 236.
- FISSIPEDIA, suborder of carnivorous mammals, XV. 433.
- FISSURELLA, genus of Mollusca, XVI. 645.
- FISTULA, in surgery, IX. 270.
- FISTULARIIDÆ, group of fishes, XXI. 548.
- FITCH, skin of polecat, IX. 838.
- , John, American steamboat inventor, IX. 270.
- , Ralph, English traveller, IX. 270.
- FITCHBURG, town, Massachusetts, U.S.A., IX. 270.
- FITCHET, or Polecat, XIX. 332.
- FITHCHEAL, Irish game, V. 597.
- FITNESS, Stoic doctrine of, XXII. 568.
- FITS, Epileptic, VIII. 479.
- FITTON, Irish chancellor, XIII. 268.
- FITZ ALWIN, Henry, first mayor of London, XIV. 844.
- FITZGERALD, Lord Edward, leader of United Irishmen, IX. 270.
- , Maurice, first earl of Desmond, XIII. 260.
- , Lord Thomas, Irish leader, IX. 271.
- FITZGERALDS, of Desmond, noble Irish family, VI. 404.
- FITZHERBERT, Sir Anthony, English judge, IX. 271; his Book of Husbandry, I. 295.
- , Maria, her marriage with George IV., X. 427.
- FITZINGER, L., on reptiles, XX. 436.
- FITZMAURICE, Henry Petty, third marquis of Lansdowne, XIX. 148.
- , William Petty, first marquis of Lansdowne, English statesman, XIV. 289.
- FITZ OSBERT, William, Sedition of, in London, VIII. 305.
- FITZ RALPH, Richard, bishop of Armagh, Ireland, XV. 543; XXIV. 709.
- FITZROY, river, Queensland, XX. 171.
- , suburb of Melbourne, Victoria, XV. 836.
- , Henry, natural son of Henry VIII. of England, XXII. 694.
- , Robert, English admiral, hydrographer, and meteorologist, IX. 271.
- FITZSTEPHEN, William, English historian, IX. 273; his description of London (1184), XIV. 844.
- FITZWILLIAM MUSEUM, Cambridge, England, IV. 729.
- FIUME, town, Hungary, IX. 273; III. 121; XII. 363.
- FIUMICINO, town, Italy, XVIII. 61.
- FIVE MILE ACT (1665), England, VIII. 348; XIX. 690.
- FIVE NATIONS, American-Indian confederacy, XVII. 454.
- FIVES, game, IX. 273.
- , town, France, IX. 273.
- FIX, Theodore, French political economist, IX. 273.
- FIXED OILS, XVII. 739.
- FIXED STARS, II. 816.
- FIXTURES, in law, IX. 274; in land tenure, XIV. 274.
- FJORDS, of Scandinavia, XVII. 576; XXII. 737; formation of, X. 257.
- FLACCUS, Caius Valerius, Roman poet,

- IX. 274; his place in Roman literature, XX. 726.
- FLACIUS, Matthias, German theologian, IX. 275; on church history, v. 765; on Lutheran theology, xv. 85.
- FLACOURT, Étienne de, French governor of Madagascar, IX. 275.
- FLĀG, or Iris, genus of plants, IX. 279.
- , FLAGS, Military and naval, IX. 276; knight's, XIV. 117; of United States, XXIII. 742; signals by means of, XXII. 49.
- FLAGELLANTS, self-chastising fraternities, IX. 280.
- FLAGELLATA, class of Protozoa, XIX. 856.
- FLAGEOLET, musical instrument, IX. 351.
- FLAGSTAFF MINE, Utah, U.S.A., XXIII. 815.
- FLAHAUT DE LA BILLARDERIE, Auguste C. J., Comte de, French general and diplomatist, IX. 281; XVI. 829.
- FLAKSTADÖ, island, Norway, XIV. 769.
- FLAMBARD, Ranulph or Ralph, bishop of Durham, IX. 281; VIII. 303; XVII. 548; minister of William Rufus, XXIV. 577.
- FLAMBERG, German sword, XXII. 803.
- FLAMBOYANT, in architecture, II. 431, 464.
- FLAME, IX. 282.
- , Singing, I. 115.
- FLAMEL, Nicolas, French alchemist, IX. 285.
- FLAME MANOMETER, I. 115, 117.
- FLAMEN, Roman priest, IX. 285; XIX. 455.
- , DIALIS, priest of Jupiter, XIII. 780; XXIII. 18.
- FLAMINGO, bird, IX. 286.
- FLAMINIAN WAY, Roman road, Italy, XX. 555.
- FLAMININUS, Titus Quinctius, Roman general and statesman, IX. 287; XX. 752.
- FLAMINIUS, Caius, Roman consul (223 B.C.), IX. 288; XX. 749.
- , Caius, Roman consul (187 B.C.), IX. 289.
- FLAMSTEED, John, English astronomer, IX. 289; II. 756; XVII. 257.
- FLANDERS, countship, Netherlands, IX. 290; provinces, Belgium, III. 515.
- FLANDRIN, Jean Hippolyte, French painter, IX. 291.
- FLANNEL, woollen stuff, IX. 292.
- FLASQUE, in heraldry, XI. 697.
- FLATBUSH, town, Long Island, New York, U.S.A., IX. 292; XIV. 866.
- FLAT-FISH, IX. 292.
- FLAT HEAD, fish, XII. 686.
- FLATLANDS, town, Long Island, New York, U.S.A., XIV. 866.
- FLAVEL, John, English theologian, IX. 292.
- FLAVIAN I.—II., patriarchs of Antioch, IX. 293.
- FLAVIAN, patriarch of Constantinople, IX. 293.
- , PALACE, at Rome, XX. 823.
- FLAVIGNY, Valérien, French Hebraist, IX. 293.
- FLAVIN, dyestuff, IX. 293; XX. 175.
- FLAVIONAVIA (Aviles), ancient town, Spain, III. 157.
- FLAVIUS, the Armenian (Leo V.), emperor of the East, XIV. 453.
- , the Isaurian (Leo III.), emperor of the East, XIV. 452.
- , Magnus (Leo I.), emperor of the East, XIV. 452.
- , Porphyrogenitus (Constantine VII.), emperor of the East, VI. 301.
- , Sapiens (Leo VI.), emperor of the East, XIV. 453.
- , VOPISCUS, Augustan historian, III. 74.
- FLAX, plant and fibre, IX. 293, 133; culture of, I. 380; manufacture of, XIV. 663; of New Zealand (Phormium), XVIII. 812.
- FLAXMAN, John, English sculptor, IX. 298; XXI. 560.
- FLAX SPINNING, Girard's machines for, X. 620.
- FLEA, insect, IX. 300; XIII. 150; Leeuwenhoek's study of, XIV. 411.
- FLÉCHIER, Esprit, bishop of Nîmes, poet and preacher, IX. 301.
- FLECKNOE, Richard, English poet and dramatist, IX. 302.
- FLEECE, of wool, I. 399; XXIV. 656.
- FLEET, river and ditch, London, XIV. 818, 850; XVI. 279.
- , British, Officers of the, XVII. 291.
- , STREET, London, XIV. 848.
- FLEETWOOD, town, England, IX. 302.
- , Charles, lord deputy of Ireland, IX. 302.
- , William, bishop of Ely, IX. 303.
- FLEITMANN, his method of working nickel, XVII. 488.
- FLEMING, John, on animal classification, XVIII. 15, 18.
- , Paul, German poet, IX. 303; X. 530.
- FLEMISH LANGUAGE, XII. 85; dictionaries of, VII. 187.
- FLEMMING, Richard, bishop of Lincoln, IX. 303.
- FLensburg, town, Prussia, IX. 304; XXI. 415.
- FLERS, town, France, XVIII. 2.
- FLETCHER, Andrew, of Saltoun, Scottish politician, IX. 304; XXI. 519.
- , Giles (1548-1610), English poet, IX. 304.
- , Giles (1584-1623), English writer, IX. 304.
- , Isaac, his observatory, Tarnbank, England, XVII. 711.
- , John, English dramatist, III. 469; VII. 432; XVIII. 347.
- , Phineas, English poet, IX. 305.
- FLEURANGES, Robert de la Marek, Seigneur de, French marshal and historian, IX. 305.
- FLEUR-DE-LIS, heraldic device, IX. 306.
- FLEURY, France, Library of monastery at, XIV. 513.
- , André Hercule de, French cardinal and statesman, IX. 306, 585.
- , Claude, French ecclesiastical historian, IX. 306.
- FLEXURE, of a beam or rod, VII. 808.
- FLEYDER, on flying, I. 186.
- FLIEDNER, Theodore, German philanthropist, IX. 307; his institution of Sisters of Charity, XIII. 825.
- FLIEGENDE HOLLÄNDER, Der, Wagner's opera, XXIV. 314.
- FLIES, class of insects, VII. 255; XII. 317; mimicry in, XVI. 343.
- , Artificial, for angling, II. 44.
- , House, XIII. 150.
- FLIGHT, Laws of, IX. 308.
- FLINCK, Govert, Dutch painter, IX. 324.
- FLINDERS, Matthew, English navigator, IX. 324; his explorations in Australasia, III. 104; X. 190.
- FLINT, mineral, IX. 325; X. 239; XVI. 389.
- , county, Wales, IX. 326; population and representation, XXIII. 727; coal-field, VI. 52; town, IX. 327.
- , Timothy, American divine and writer, IX. 327.
- , GLASS, Manufacture of, X. 663.
- , WEAPONS, II. 337, 553.
- FLOCCULI, of spider's silk, II. 296.
- FLODDEN, England, Battle of (1513), XIII. 557; XXI. 497.
- FLODOARD, French chronicler, IX. 328.
- FLOOD, The, of Scripture, VII. 55.
- , Henry, Irish orator and politician, IX. 328.
- , ROCK, New York Harbour, Blasting of, XXIII. 622.
- FLOODS, in rivers, XII. 502; XX. 571.
- FLOOR CLOTH, IX. 329; XIV. 676.
- FLOORING, in building, IV. 452, 455, 482, 493; tiles for, XXIII. 389.
- FLOR, Roger di, military adventurer, IX. 330.
- FLORA, in Roman mythology, IX. 330.
- , of different countries, Grouping and distribution of, VII. 286.
- FLORAL GAMES, Academy of, Toulouse, I. 69.
- FLORALIA, Roman festival, IX. 330.
- FLORENCE, town, Italy, IX. 330; XX. 275; as a republic, XIII. 479; council of (1439), XIX. 503; in time of Dante, VI. 810; Medici family, xv. 783; its rivalry with Pisa, XIX. 120; in time of Savonarola, XXI. 334; its wars with Siena, XXII. 39, 41; academy of, I. 74; Accademia del Cimento, I. 70; banking in, III. 316; baptistery, XIX. 122; bridge, IV. 332; cathedral, II.

- 436; campanile of cathedral, II. 456; coins, XVII. 656; cupola of church of S. Maria del Fiore, IV. 399; dialect of, XIII. 497; libraries, XIV. 530, 548; majolica ware, XIX. 628; nobility of, XVII. 528; observatory at, XVII. 714; its school of painting, XXI. 434, 442; picture galleries, XXI. 446; porcelain, XIX. 636; sculptures, XX. 589; XXI. 567; terra-cotta art, XXIII. 194; university, XXIII. 837.
- FLORENCE, town, Massachusetts, U.S.A., XVII. 558.
- of Worcester, English chronicler, IX. 337.
- FLORENTIA (Florence), ancient town, Italy, IX. 333.
- FLORENTINE DIAMOND, VII. 166.
- FLORES, island, Indian Archipelago, IX. 337.
- , island, Azores, Atlantic, III. 172.
- , town, Guatemala, XI. 239.
- FLOREZ, Enrique, Spanish historian, IX. 337.
- FLORIAN, patron saint of Poland, IX. 337.
- , Jean Pierre Claris de, French poet and romancist, IX. 337; XVIII. 348.
- FLORIDA, State, U.S.A., IX. 338; population, XXIII. 802; orange culture in, XVII. 811.
- FLORIDA-BLANCA, Count of, Spanish statesman, IX. 341; XXII. 340.
- FLORIDÆ, order of plants, XXIV. 127.
- FLORIDO, Venetian algebraist, I. 513.
- FLORINUS, Polycarp's letter to, XIX. 414.
- FLORIO, Giovanni, English lexicographer and translator, IX. 341; teacher and friend of Shakespeare, XXI. 756.
- FLORIS I.-V., counts of Holland, XII. 71.
- , Frans, Flemish sculptor and painter, IX. 342.
- FLORUS, Roman historian, IX. 342.
- , Gessius, Roman procurator in Judæa, XIII. 427.
- FLOSCULARIA, genus of Rotifera, XXI. 4.
- FLOTATION, Position of animals in, IX. 309.
- FLOTSAM, in English law, IX. 342; V. 787.
- FLOTTA, island, Orkney, Scotland, XVII. 846.
- FLOUNDER, fish, IX. 342.
- FLOUR, Manufacture of, IX. 343; III. 251; XV. 310; adulteration of, I. 171.
- FLOURENS, Gustave, French communist and writer, IX. 347.
- , Marie Jean Pierre, French physiologist, IX. 347.
- FLOWER, of plants, defined and described, IV. 126; XII. 215; XX. 424.
- FLOWER-DE-LUCE, genus of plants, IX. 279.
- FLOWER GARDEN, XII. 247.
- FLOWERING, of plants, IV. 121.
- FLOWERS, Artificial, IX. 348.
- OF THE FOREST, Scottish ballad, VI. 98.
- FLOYD-CARROLL-GRAYSON PLATEAU, Virginia, U.S.A., XXIV. 256.
- FLOYER, Sir John, English physician and writer, IX. 349.
- FLUDD, Robert, English physician and mystic, IX. 349.
- FLUELITE, mineral, XVI. 384.
- FLÜGEL, Gustav Lebrecht, German Orientalist, IX. 349.
- , Johann Gottfried, German lexicographer, IX. 349.
- FLUID, FLUIDS, XII. 435; definition and physical properties of, VI. 310; XIX. 240; friction of, XIX. 247; motion of surface of, XV. 753; theory of motion of, III. 43; resistance of, XXI. 810; surface-tension of, V. 56.
- FLUKE, parasitic worm, XXIII. 535; XXIV. 205.
- FLUOCERITE, mineral, XVI. 383.
- FLUORESCENCE, source of light, XIV. 579, 602; IX. 350; in crystals, XVI. 376.
- FLUORESCIN, chemical compound, XVIII. 855.
- FLUORINE, chemical element, IX. 349; V. 490.
- FLUOR SPAR, or Fluorite, mineral, IX. 349; X. 228; XVI. 383; as a flux, XVI. 62.
- FLUSHING, town, Holland, IX. 350; population, XXIV. 772.
- , town, Long Island, New York, U.S.A., IX. 350; XIV. 866.
- FLUTE, musical instrument, IX. 350; XXIII. 519.
- FLUTE-MOUTH, fish, XXII. 548.
- FLUXES, in smelting ores, XVI. 62; in iron smelting, XIII. 295.
- FLUXIONS, in mathematics, XIII. 8, 10; Newton's invention of, XVII. 446; Maclaurin's discussion of, XV. 161.
- FLY, insect, VII. 255; XII. 317; XIII. 150; proboscis of, XXIII. 478.
- , river, New Guinea, XVII. 386.
- FLY-CATCHER, bird, IX. 351.
- FLY-FISHING, II. 36; hooks for, II. 33, 38.
- FLYING, IX. 310; attempts at, I. 186.
- DOVE, of Archytas, I. 185.
- DUTCHMAN, legend, XIII. 674.
- DUTCHMAN, Wagner's opera, XXIV. 314.
- FLYING-FISH, IX. 352; XII. 693.
- FLYING-FOX, bat, IX. 352, 310.
- FLYING GURNARD, fish, XII. 690.
- FLYING LEMUR, insectivorous mammal, XV. 401.
- FLYING MACHINES, IX. 308, 317; I. 186, 202.
- FLY-WHEEL, XV. 769; of steam-engine, XXII. 509, 511.
- FOCA, island, Peru, XVIII. 671.
- FOCAL LINES, in optics, XVII. 799.
- FOEDERA, Rymer's historical collection, XXI. 119.
- FOENICULUM, genus of plants, IX. 76.
- FOETUS, Circulation of the blood in, XXIV. 108; syphilis in, XXII. 687.
- IN FETU, monstrosity, XVI. 766.
- FOG, London, XIV. 827; causes of, XXII. 180.
- FOGARAS, town, Hungary, IX. 353.
- FOG-BOW, or Fog-Eater, halo, XI. 399.
- FOGELBERG, Benedict Erland, Swedish sculptor, IX. 353.
- FOGGIA, town, Italy, IX. 353; province (Capitanata), V. 73.
- FOGO, one of Cape Verd Islands, V. 52.
- FOG SIGNALS, XXII. 49.
- FÖHN, local wind, Switzerland, XXII. 777.
- FÖHR, island, Schleswig-Holstein, XXI. 414.
- FOIL, thin sheet-copper, IX. 353.
- , Fencing, IX. 69.
- FOIX, town, France, IX. 353.
- , Counts of, IX. 354; II. 18.
- , Paul de, French prelate and diplomatist, IX. 354.
- FOKSHAN, town, Roumania, IX. 354.
- FOLARD, Jean Charles de, French writer on tactics, IX. 355.
- FOLC-LAND, or Folk-Land (*q.v.*), in English law, IX. 357.
- FOLDVAR, town, Hungary, IX. 355.
- FOLENGO, Teofilo, Italian poet, IX. 355.
- FOLEY, John Henry, British sculptor, IX. 355.
- FOLIGNO, town, Italy, IX. 356.
- FOLK-BOOKS, XVIII. 204.
- FOLKES, Martin, English antiquary, IX. 356.
- FOLKESTONE, town, England, IX. 356; XIV. 39.
- FOLK-LAND, in English law, IX. 357, 305; VIII. 275; Saxon, XVIII. 302.
- FOLK-LORE, IX. 357; in relation to mythology, XVII. 144; magical survivals in, XV. 204; totemism in, XXIII. 467; Indian, XVIII. 660.
- FOLK-SONGS, III. 283.
- FOLLEN, August Ludwig, German poet, IX. 359.
- , Charles, German poet and theologian, IX. 359.
- FOLLETT, Sir William Webb, English lawyer, IX. 359.
- FOLLICLE, form of fruit, IV. 151.
- FOLLOWER, in applied mechanics, XV. 755.
- FOLQUET, of Marseilles, Provençal poet, XIX. 874.
- FOMORIANS, of Irish legend, V. 300; XIII. 243.
- FONBLANQUE, Albany William, English political writer, IX. 360.
- FONDANTS, French confit, VI. 257.
- FOND DU LAC, town, Wisconsin, U.S.A., IX. 361; population, XXIV. 617.
- FONDI, town, Italy, IX. 361.

- FONS CASTALIUS (Castalia), fountain, Parnassus, Greece, v. 186; vii. 52.
- FONS EBRALDI (Fontevault), ancient town, France, ix. 365.
- FONSECA, Bay of, Honduras, xii. 130.
- FONT, Baptismal, ix. 361; in architecture, ii. 464.
- FONTAINE, Jean de la (La Fontaine, *q.v.*), French poet, xiv. 203.
- , Pierre François Léonard, French architect, ix. 362.
- FONTAINEBLEAU, town, France, ix. 363; xxi. 625.
- FONTANA, Carlo, Italian architect, xx. 836.
- , Domenico, Italian architect, ix. 363; ii. 439.
- , Lavinia, Italian painter, ix. 363.
- , Niccolo Tartaglia, Italian mathematician, xxiii. 68.
- , Prospero, Italian painter, ix. 364.
- FONTANES, Louis, Marquis de, French poet, ix. 364.
- FONTANET, or Fontenay, France, Battle of (841), ix. 533; xv. 9.
- FONTARABIA, town, Spain, ix. 810.
- FONTENAY, France, Battle of (841), ix. 533; xv. 9.
- , Lefèvre de, French journalist, xvii. 424.
- , Theresa, Comtesse de, xxiii. 33.
- FONTENAY-LE-COMTE, town, France, ix. 364.
- FONTENELLE, Bernard le Bovier de, French writer, ix. 364, 664.
- FONTENOY, Belgium, Battle of (1745), vi. 705; ix. 586; xxi. 346.
- FORTEVRAUD, Order of, monks and nuns, xvi. 709.
- FORTEVRAULT, town, France, ix. 365.
- FOO-CHOW, town, China, ix. 812.
- FOOD, viii. 616; dietetics, vii. 200; cookery of, vi. 331; digestion of, xvii. 669; gelatinous, x. 132; laws against luxurious, xxii. 644; milk as, xvi. 303; poisonous, xv. 781; preserved, xix. 707; supply of, in Great Britain, vi. 415; tabooed, xxiii. 16, 468; of plants, xix. 48.
- FOOL, jester, ix. 366.
- FOOT, Anatomy of the human, i. 830; joints and muscles of, i. 841; club-foot, vi. 42; redundant or defective toes on, xvi. 762; of mammals, xv. 360.
- , measure of length, xxiv. 483.
- FOOT-AND-MOUTH DISEASE, xvii. 60.
- FOOTBALL, game, ix. 367.
- FOOTE, Samuel, English dramatist and actor, ix. 368; vii. 438.
- FOOT-POUND, unit for measurement of work, viii. 206; xv. 700.
- FOOTSTEPS OF THE CREATOR, Hugh Miller's work, xvi. 320.
- FOOTWAYS, in streets, xx. 588.
- FOPPA, Vincenzo, Italian painter, ix. 371; xxi. 437.
- FORAGE CROPS, Culture of, i. 370.
- FORAMINIFERA, ix. 371; distribution of, vii. 277, 283.
- FORBACH, town, German Lorraine, ix. 387.
- FORBES, Alexander Penrose, bishop of Brechin, ix. 387.
- , David, English chemist and geologist, ix. 388.
- , Duncan, of Culloden, Scottish lawyer and statesman, ix. 388.
- , Edward, English naturalist, ix. 389.
- , James David, Scottish natural philosopher, ix. 390; on the motion of glaciers, x. 629.
- , Sir John, physician and writer, ix. 393; xv. 816.
- , William Alexander, on birds, xviii. 39.
- FORBIDDEN FRUIT (Shaddock), xxi. 727.
- FORBIN, Claude de, French naval commander, ix. 393.
- , Comte de, French painter, xi. 48.
- FORCE, in dynamics, vii. 581; xv. 676, 746, 764; electric, viii. 20; its equivalent of heat, xi. 558; as the product of heat, xxiii. 283; measure of, vii. 584; xv. 698; Kant on the theories of, xiii. 847; Leibnitz's doctrine of, xiv. 421.
- FORCELLINI, Egidio, Italian philologist, ix. 393.
- FORCHHAMMER, Johan Georg, Danish mineralogist, ix. 393.
- FORCHHAMMERITE, mineral, xvi. 415.
- FORCHHEIM, town, Bavaria, ix. 394.
- FORCIBLE ENTRY, Law of, vi. 583.
- FORD, Horace A., archer, ii. 373.
- , John, English dramatist, ix. 394; vii. 432.
- , Richard, English writer on Spain, ix. 396.
- , Thomas, English musician, ix. 396.
- FORDUN, John of, Scottish historian, ix. 397.
- FOREHEAD, Bone of the, i. 824.
- FOREIGN ENLISTMENT ACTS, xiii. 196.
- FOREIGNERS, in Roman law, xx. 695.
- FORENSIC COSTUME, vi. 476.
- FORENSIC MEDICINE, xv. 778.
- FORENSIC RHETORIC, xx. 511.
- FOREORDINATION, in theology, xix. 668.
- FORESITE, mineral, xvi. 423.
- FOREST ADMINISTRATION, ix. 397.
- FORESTALLING, of corn, Laws against, i. 298; vi. 412.
- FOREST DISTRICTS, Switzerland, xxii. 782.
- FORESTERS, Ancient Order of, ix. 782.
- FOREST LAW, English, ix. 409.
- FOREST OF DEAN, district, Gloucester, England, x. 687, 689; coalfield of, vi. 50.
- FORESTS, ix. 397; their effect on climate, vi. 4; submerged, x. 256; American, distribution of, i. 676; of Africa, i. 252; European, viii. 692; of India, xii. 753; of Kentucky, xiv. 43; of the United States, xxiii. 807.
- FOREZ, mountains, France, xx. 119; plain, xiv. 807.
- FORFAR, county, Scotland, ix. 410; area and population, xxi. 528; representation, xxiii. 727; town, ix. 412.
- FORFICULA, genus of insects, vii. 612.
- FORFICULIDÆ, order of insects, vii. 613; xiii. 152.
- FORGE, for iron, ix. 412; its history, xiii. 290.
- FORGERY, in English law, ix. 413.
- , Literary, in ancient times, i. 461.
- FORGES, Évariste Désiré de, Vicomte de Parny, French poet, xviii. 318.
- FORGES-LES-EAUX, spa, France, xvi. 434.
- FORGET-ME-NOT, plant, ix. 414; xii. 252.
- FORGING MACHINES, ix. 413.
- FORKEL, Johann Nikolaus, German musician, ix. 414.
- FORLÌ, town, Italy, ix. 414; district, xx. 560.
- , Melozzo da, Italian painter, ix. 414.
- FORLIMPOPOLI, town, Italy, ix. 415.
- FORM, Abstract idea of, xv. 629.
- FORMAN, Simon, English physician and astrologer, ix. 415.
- FORMARTIN, district, Scotland, i. 43.
- FORME, Printer's, xxiii. 700.
- FORMENTARA, one of the Balearic Islands, Spain, iii. 278.
- FORMEY, Johann Heinrich Samuel, German writer, ix. 415.
- FORMIA, town, Italy, ix. 415.
- FORMICA, genus of insects, ii. 94.
- FORMOSA, island, China, ix. 415; ii. 687; v. 636; birds of, iii. 762; camphor production, iv. 761; Psalmanazar's work on, xx. 28.
- FORMOSUS, Pope, ix. 418.
- FORMULAR SYSTEM, in Roman law, xix. 707.
- FOROJULIUM (Friuli), ancient town, Italy, ix. 790.
- FORRES, town, Scotland, viii. 130.
- FORS, constitution of Béarn, France, iii. 465.
- FORSKÅL, Peter, Swedish naturalist and philosopher, ix. 418.
- FORST, town, Prussia, ix. 418.
- FORSTER, François, French engraver, ix. 418.
- , G. S., on birds, xviii. 8.
- , Johann Georg Adam, German naturalist, ix. 418.
- , John, English historian and critic, ix. 419.
- , John R., on birds, xviii. 8.
- FÖRSTER, Friedrich, German historian, ix. 418.
- FORSTERITE, mineral, xvi. 410.

- FORSYTH, William, on the origin of trial by jury, XIII. 784.
- FORT, Construction of a, IX. 433, 434.
- FORTALEZA (Ceara), town, Brazil, v. 282.
- FORT CARILLON, New York, U.S.A., XXIII. 352.
- FORT DE FRANCE, town, Martinique, West Indies, IX. 420; XV. 586.
- FORT DE KOCK, Sumatra, XXII. 639.
- FORTEBRACCIO, Nicola, Roman captain, XX. 805.
- FORT EDMONTON, Canada, XV. 490.
- FORTESCUE, Sir John, English lawyer, IX. 420; VIII. 416.
- FORTH, river, Scotland, IX. 420; XXII. 553.
- BRIDGE, Scotland, XX. 234.
- FORTIFICATION, IX. 421 (index, 468); of ancient Rome, XX. 812.
- FORT NARYN, Syr-Daria, Central Asia, XXII. 818.
- FORTRESS, Armament of a, IX. 454.
- FORTROSE, town, Scotland, IX. 468.
- FORT SCOTT, town, Kansas, U.S.A., XIII. 844.
- FORT SUMTER, South Carolina, U.S.A., Surrender of (1861), XXIII. 774.
- FORTUNA, Roman goddess, IX. 468; temple of, at Præneste, XIX. 654; at Rome, II. 417; XX. 827.
- FORTUNATUS, legendary hero, IX. 468.
- , Venantius H. C., bishop of Poitiers, Latin poet, IX. 469; as hymn-writer, XII. 582.
- FORTUNE BAY, Newfoundland, XVII. 382.
- FORTUNE-TELLING, Laws against, XV. 204; XXIV. 622.
- FORTUNY, Mariano, Spanish painter, XXI. 440, 443.
- FORT WAYNE, town, Indiana, U.S.A., IX. 469.
- FORT WORTH, town, Texas, U.S.A., XXIII. 205.
- FORUM, at Pompeii, XIX. 446.
- , at Rome, IX. 469; XX. 813, 815, 825; architecture of, II. 419.
- CORNELII (Imola), ancient town, Italy, XII. 717.
- JULII (Cividale), ancient town, Italy, v. 797.
- JULII (Fréjus), ancient town, France, IX. 767.
- JULII (Friuli), ancient town, Italy, IX. 790.
- LIVII (Forlì), ancient town, Italy, IX. 414.
- FOSBROKE, Thomas Dudley, English antiquary, IX. 469.
- FOSCARI, Francesco, doge of Venice, IX. 470; XIII. 480.
- FOSCARINI, Antonio, Venetian conspirator, XXIV. 147.
- , Giacomo, Venetian statesman, XI. 121.
- FOSCARINI, Marco, doge of Venice, historian, IX. 471.
- , Michele, Venetian historian, IX. 471.
- FOSCOLO, Ugo, Italian writer, IX. 471; VII. 417; XIII. 513.
- FOSS, Edward, English legal writer, IX. 472.
- , H. H., Norwegian poet, XVII. 591.
- FOSSANO, town, Italy, IX. 472.
- , Ambrogio Stefani da (Il Borgognone), Italian painter, IX. 472; XXI. 437.
- FOSS DYKE, the oldest British canal, IV. 783.
- FOSSE, in fortification, IX. 444.
- , War of the, Arabia (627), XVI. 556.
- FOSSILS, in geology, X. 319; the oldest known, IX. 384; birds, III. 728; fishes, XII. 666; mammals, XV. 375 (and article Mammalia throughout); of America, I. 682.
- FOSSOMBRONE, town, Italy, IX. 473.
- FOSSOMBRONI, Vittorio, Italian statesman and mathematician, IX. 473.
- FOSSORES, or Grave-Diggers, of the Catacombs, v. 214.
- FOSSWAY, Roman remains, Lincolnshire, England, XIV. 656.
- FOSTER, John, English essayist, IX. 473.
- , Stephen Collins, American song-writer, IX. 475.
- FOSTERAGE, under Brehon Law, in Ireland, IV. 253.
- FOTHERGILL, John, English physician, IX. 475; XV. 815.
- FOTHERINGAY CASTLE, Northampton, England, XVII. 557; confinement of Mary, queen of Scots, at, XV. 601.
- FOUCAULT, Jean Bernard Léon, French physicist, IX. 475; his experiment showing the earth's rotation, X. 197; on radiation, XX. 215.
- FOUCHÉ, Joseph, French minister of police, IX. 476; his relations with Wellington, XXIV. 497.
- FOUCHER, Simon, French sceptic, IX. 478.
- FOUGASSE, in military mining, IX. 464.
- FOUGÈRES, town, France, IX. 478.
- FOULA, island, Shetland, Scotland, XVII. 846.
- FOULAHS, or Fulahs, Negro race, Africa, XVII. 319; I. 263; XXII. 248, 278, 279.
- FOULD, Achille, French financier, IX. 478.
- FOULDREY CASTLE, Lancashire, England, XIV. 254.
- FOULIS, Andrew and Robert, Scottish printers and publishers, IX. 479; their editions of the classics, III. 657.
- FOULQUES, Gui (Pope Clement IV.), v. 821.
- FOUMART, or Polecat, XIX. 332.
- FOUNDATIONS, in building, IV. 452, 456; under water, IV. 326.
- FOUNDING, casting metal, IX. 479.
- FOUNDLING HOSPITALS, IX. 481.
- FOUNDLING WHEEL, in Italy, XIII. 449.
- FOUNDRY OPERATIONS, IX. 479; XIII. 355.
- FOUNTAIN, spring of water, IX. 484.
- FONTAINE, Sir Andrew, collector of majolica ware, XIX. 628.
- FOUNTAINS ABBEY, Yorkshire, England, I. 18, 19; XXIV. 749.
- FOUNTAINS OF MOSES, hot wells, Sinai, Arabia, II. 236.
- FOUQUÉ, Friedrich Heinrich Karl, Baron de la Motte, German writer, IX. 486; X. 542; hymns by, XII. 588.
- FOUQUET, Nicolas, French financier and statesman, IX. 487, 574; patron of La Fontaine, XIV. 204.
- FOUQUIER-TINVILLE, Antoine Quentin, French Revolutionist, IX. 488.
- FOURAH BAY COLLEGE, Sierra Leone, West Africa, XXII. 45.
- FOUR BOOKS, of China, v. 661.
- FOURCHAMBAULT, town, France, IX. 488; XVII. 496.
- FOURCROY, Antoine François, Comte de, French chemist, IX. 488.
- FOUR GEORGES, The, by Thackeray, XXIII. 216.
- FOURIER, François Charles Marie, French socialist writer, IX. 489; XXII. 208.
- , Jean Baptiste Joseph, French mathematician and physicist, IX. 490; I. 516; his theorem of simple harmonic analysis, XV. 689; XVII. 105; on the conduction of heat, XI. 578, 587; XVII. 738.
- FOUR MASTERS, Annals of the, v. 307, 326.
- FOURMENT, Helena, Rubens's second wife, XXI. 45.
- FOURMONT, Étienne, French Orientalist, IX. 491.
- , Michel, French Syriac scholar, IX. 491.
- FOURNEYRON, Benoît, inventor of turbine water-wheel, XII. 438.
- FOURNIER, Pierre Simon, French printer, IX. 491.
- FOURRÉ, Marie, heroine at siege of Péronne, France, XVIII. 552.
- FOUR SONS OF AYMON, romance, XX. 652.
- FOURVIÈRES, ancient building, Lyons, France, XV. 111.
- FOUSSA, Malagasy cat, XV. 435.
- FOVEAUX STRAIT, New Zealand, XVII. 467.
- FOWL, FOWLS, poultry, IX. 491; XIX. 644; successive stages of cranium of, III. 700; management of, I. 401.
- FOWLER, Charles, English architect, IX. 492.
- , John, inventor of steam plough, IX. 492; I. 314.
- , William, Scottish poet, IX. 492.

FOWLERITE, mineral, XVI. 417.

FOWLING-PIECE, gun, XI. 279; XXI. 832.

FOWNES, George, English chemist, IX. 493.

FOX, carnivorous mammal, IX. 493; XV. 438; Arctic, colour of, XVI. 343; skins of, IX. 838.

—, Charles James, English statesman, IX. 494; VIII. 358; Burke's dissension with, IV. 548; his relations with Pitt, XIX. 137.

—, George, founder of the Quakers, IX. 500; XVII. 135; XX. 147, 152; friend of Penn, XVIII. 496.

—, Henry Richard Vassall, Lord Holland, XII. 99.

—, Kate, American spiritualist, XXII. 405.

—, Luke, Arctic explorer, XIX. 318.

—, Richard, bishop of Winchester, IX. 502.

—, Robert Were, his dip circle, XVI. 161.

—, Sir Stephen, English Royalist, IX. 494.

— BAT, or Flying Fox, bat, IX. 352.

FOXDALE MINES, silver and lead, Isle of Man, XV. 451.

FOXE, John, English martyrologist, IX. 502.

FOXGLOVE, plant, VII. 237.

FOXHOUNDS, VII. 329; XII. 314.

FOX ISLANDS, Aleutian Islands, North Pacific, I. 480.

FOX-SHARK, fish, XXI. 777.

FOX-TALBOT, William H., photographic discoverer, XXIII. 27; XVIII. 824.

FOV, Maximilien Sébastien, French general and politician, IX. 503.

FOYLE, river, Ireland, VII. 361.

FRA AMBROGIO (Paolo della Robbia), Florentine sculptor, XX. 591.

FRA ANGELICO (Fiesole, or Guido di Vicchio), Italian painter, IX. 148, 772; XXI. 434, 435, 442.

FRAAS, Karl Nikolas, German botanist, IX. 504.

FRA BARTOLOMEO (Baccio della Porta), Italian painter, III. 194; XXI. 442.

FRACASTORIO, Hieronymo, Italian physician and poet, IX. 504.

FRACTIONS, in algebra, I. 529, 558; in arithmetic, II. 529; decimal, use of, by Napier, XVII. 185; by Stevinus, XXII. 546; vulgar, tables of, XXIII. 8, 13.

FRACTURE, in surgery, XXII. 681.

—, of materials, by tension or compression, XXII. 601.

—, in minerals, its varieties, XVI. 379.

FRA DIAMANTE, Italian painter, VII. 162.

FRA DIAVOLO, Italian brigand, IX. 504.

FRAGARIA, genus of plants, XII. 276; XXII. 592.

FRA GIOCONDO, Veronese architect, XXIV. 154, 172.

FRAGMENS PHILOSOPHIQUES, Cousin's work, VI. 522.

FRÄHN, Christian Martin, German numismatist and Orientalist, IX. 504.

FRA LUCA (Marco della Robbia), Florentine sculptor, XX. 591.

FRAMBESIA, disease, XXIV. 732.

FRAMES, for bridges, IV. 315.

FRAMING, in joinery, IV. 490, 493.

FRAMLINGHAM, town, England, IX. 505; castle, XXII. 622.

FRANÇAIS, of Nantes, Count, French politician and writer, IX. 505.

FRANCAVILLA, town, Italy, IX. 505.

FRANCE, IX. 505 (including geography and statistics, 505; history, 527, see below; language, 629; literature, 657; index, 687); academies in, I. 70, 71, 77; architecture, II. 429, 441; army, II. 600; arsenals, II. 634; artillery, II. 658, 660, 665; Bank of, III. 337; institution of banks in, IV. 367; birds, XVIII. 17; citizenship in, I. 576; coalfields, VI. 55; Code Napoléon, VI. 105; coins, XVII. 655; colonies, VI. 159; drama, VII. 423; drama in time of Corneille, VI. 420; fisheries, IX. 268; forests, IX. 402; foundling hospitals, IX. 482; government, XI. 14; history, IX. 527, see below; irrigation works, XIII. 369; Jansenist controversies in, XIII. 566; Jews in, XIII. 682; language, IX. 629; land laws, XIV. 262; form of land tenure, I. 415; libraries, XIV. 513, 524, 545; literature, IX. 637; mines, XVI. 467; national debt, XVII. 246; navy, XVII. 298; newspapers, XVII. 423; nobility, XVII. 530; XVIII. 468; observatories, XVII. 712; opium cultivation, XVII. 792; oyster culture, XVIII. 107; periodicals, XVIII. 539; police system, XIX. 342; post office, XIX. 580; Presbyterian Church, XIX. 693; prison system, XIX. 759; railways, XX. 250; settlements in India, II. 702; XII. 799, 800, 804; settlement at New Orleans, U.S.A., XVII. 403; technical schools, XXIII. 108; university of, XXIII. 851; wine industry, XXIV. 604.

—, History of, IX. 527; conquest of Algeria by, I. 566; colonization of North America, IV. 766; protectorship of Annam, XXIII. 440; war with Austria, III. 130; the Carbonari in, v. 89; Colbert's financial reforms, VI. 121; war in the East (1799), XXIII. 648; Hundred Years' war with England, VIII. 318; Fouché's police administration, IX. 476; Huguenots, XII. 337; invasion of Italy by (1492), XIII. 481; of Prussia (1806), XX. 11; invasion of, by the Arabs, XVI. 576; II. 258; by William I. of Prussia (1870), XXIV. 582; Inquisition established in, I. 487; suppression of Knights

Templars in, XXIII. 164; government of Louis Philippe, XI. 269; in time of Mazarin, XV. 652; under Napoleon I., XVII. 192; under Napoleon III., XVII. 228; relations to Normandy, XVII. 539; to the papacy, VI. 241; Reformation in, XX. 334; Renaissance period, XX. 390; wars with Russia, XXI. 100, 102; connexion with Tong-King, XXIII. 440; relations with the United States, XXIII. 733, 742, 744, 755, 782.

FRANCE, Institute of, XIII. 160.

—, Isle of, or Mauritius, XV. 639.

—, The twelve peers of, XVIII. 468.

FRANCESCA, Piero de', Italian painter, XIX. 82; XXI. 435.

— DA RIMINI, daughter of Malatesta, XX. 556.

FRANCESCHI, or Francesca, Piero de', Italian painter, XIX. 82; XXI. 435.

FRANCESCHINI, Baldassare, Italian painter, IX. 687.

FRANCESCO I., grand-duke of Tuscany, XV. 791.

— DA BARBERINO, mediæval Italian poet, XIII. 501.

— DI PUGLIA, Fra, his challenge to Savonarola, XXI. 337.

FRANCEVILLE, station, West Africa, XVII. 733.

FRANCHE COMTÉ, province, France, IX. 687.

FRANCHINA, Descartes's automaton, XV. 208.

FRANCHISE, in law, IX. 688; parliamentary, British, XX. 344.

FRANCIA (Francesco Raibolini), Italian painter, IX. 688; XXI. 437.

—, José Gaspar Rodriguez, dictator of Paraguay, IX. 688.

FRANCIABIGIO (Francesco di Cristofano), Italian painter, IX. 689.

FRANCIS, St, of Assisi, founder of Franciscan order, IX. 692; XIII. 500; XVI. 710; stigmatization of, XXII. 549.

—, St, of Paola, founder of order of Minims, IX. 695; XVI. 711.

—, St, of Sales, devotional writer, IX. 695, 654.

— I., emperor, IX. 691; X. 503.

— II. (Francis I. of Austria), emperor, IX. 691; his character, III. 136.

— I., emperor of Austria, IX. 691; III. 136.

— I., king of France, IX. 689, 555; his relations with Henry VIII. of England, XI. 663; his rule in Italy, XIII. 482; his attitude towards the Reformation, XX. 328, 334.

— II., of France, IX. 691, 559.

—, duke of Guise, XI. 266.

—, Alban, English Benedictine monk, XVII. 444.

—, Francis, on fly fishing, II. 37.

—, Sir Philip, English politician and writer, IX. 696; his alleged identity

- with Junius, XIII. 776; his relations with Burke, IV. 547.
- FRANCIS-ARMAND, abbot of La Trappe, XXIII. 524.
- FRANCIS BORGIA, St, general of the Jesuits, IX. 694.
- FRANCISCA, Frankish battle-axe, II. 555.
- FRANCISCANS, monastic order, IX. 698; XVI. 710; their revolt against Pope John XXII., XVII. 717.
- FRANCISQUE (Jean François Millet), French painter, IX. 700.
- FRANCK, Gabriel, Flemish painter, IX. 701.
- , Johann, German hymn-writer, XII. 587.
- , Sebastian, German writer, IX. 701; XVII. 134.
- FRANCKE, August Hermann, German philanthropist and theologian, IX. 701; VII. 675; X. 532; XIX. 83; his influence on the university of Halle, XXIII. 847.
- FRANCKEN, family of Flemish painters, IX. 702.
- FRANCO of Cologne, musical writer, XVII. 81.
- FRANCO-GALLIA, Hotman's treatise, XII. 309.
- FRANCO-GERMAN WAR (1870), X. 512; XX. 13.
- FRANÇOIS DE NEUFCHÂTEAU, Nicolas Louis, Count, French statesman and poet, IX. 703.
- FRANÇOIS DE PARIS, Jansenist, XIII. 567.
- FRANCOLIN, bird, XVIII. 333.
- FRANCONIA, territorial division, Germany, IX. 703; III. 453; XXIII. 331.
- FRANCUS, or Franck, Sebastian, German writer, IX. 701; XVII. 134.
- FRANEKER, town, Holland, IX. 704; university of, XXIII. 850.
- FRANK, Jacob, leader of Jewish sect, XIII. 681.
- , John Peter, German physician, XV. 815.
- , Joseph, German physician, XV. 814.
- , or Franck, Sebastian, German writer, IX. 701; XVII. 134.
- FRANKALMOIGN, feudal tenure of land, England, XX. 305, 307.
- FRANKENBERG, town, Saxony, IX. 704.
- FRANKENHAUSEN, town, Germany, IX. 704; XXI. 461.
- FRANKENSTEIN, town, Prussia, IX. 704.
- FRANKENTHAL, town, Bavaria, IX. 704.
- FRANKFORT, town, Kentucky, U.S.A., IX. 704.
- FRANKFORT-ON-THE-MAIN, town, Germany, IX. 704; XX. 16; cathedral sculptures, XXI. 565; libraries, XIV. 546; newspapers, XVII. 428; assembly (1848), X. 506; treaty of (1871), IX. 627.
- FRANKFORT - ON - THE - ODER, town, Prussia, IX. 708; university, XXIII. 843, 848.
- FRANKINCENSE, gum-resin, IX. 709; XII. 718.
- FRANKLAND, or Land of the Franks, its relations to the popedom, XIX. 494.
- FRANKLIN, State of (now part of Tennessee), U.S.A., XXIII. 178.
- , Benjamin, American statesman and philosopher, IX. 711; ambassador to France, XXIII. 743; his connexion with American journalism, XVII. 433; with Philadelphia, XVIII. 740; his electrical researches, VIII. 6; his postal improvements, XIX. 566; as political economist, XIX. 384; as writer, I. 720; Wedderburn's charge against him, XXIV. 475.
- , Sir John, Arctic explorer, IX. 719; X. 195; XIX. 319; his observations on the aurora, III. 95; search for, by Kane, XIII. 837.
- FRANKLINITE, mineral, XVI. 386; XIII. 287; XXIV. 784.
- FRANKMARRIAGE, in English law, XXI. 694.
- FRANKS, Germanic people, IX. 722; XX. 776, 785; empire of the, V. 402; their laws, V. 73; XXI. 212; in Gaul, IX. 528; in Germany, X. 476; in Italy, XIII. 468; in Roman empire, XX. 776, 780; their invasion of Spain, XXII. 307; their weapons, II. 555.
- FRANKTENEMENT, land tenure, XX. 305.
- FRANZ, Robert, his edition of Bach's works, III. 195.
- FRANZÉN, Frans Michael, Swedish poet, IX. 724; XXII. 757.
- FRANZENSBAD, watering-place, Bohemia, IX. 724; mineral water of, XVI. 434, 435.
- FRANZENSFESTE, fort, Tyrol, Austria, IV. 356.
- FRANZ-JOSEF LAND, Arctic Regions, its discovery, XIX. 324.
- FRANZSTADT, part of Budapest, Hungary, XVIII. 691.
- FRASCATI, town, Italy, IX. 724.
- FRASER, or Frazer, river, British Columbia, VI. 169; XVIII. 116.
- , Alexander, his composing and distributing type-machines, XXIII. 701, 702.
- , James Baillie, Scottish traveller and writer, IX. 725.
- , Louis, on birds, XVIII. 12.
- , Simon, Lord Lovat, Scottish Jacobite, XV. 27.
- FRASERBURGH, town, Scotland, IX. 725.
- FRATERCULA, genus of birds, XX. 101.
- FRATRICELLI, or Fraticelli, mediæval sects, IX. 725; III. 507; XVI. 711; XX. 322.
- FRAUD, in law, IX. 726.
- FRAUENBURG, town, Prussia, IX. 727.
- FRAUENFELD, town, Switzerland, IX. 727; XXII. 778; XXIII. 331.
- FRAUENLOB (Heinrich von Meissen), German poet, IX. 727.
- FRAUENSTÄDT, C. M. J., friend and expositor of Schopenhauer, XXI. 454.
- FRAUNHOFER, Joseph von, German optician, IX. 727; XVII. 26; his filar micrometer, XVI. 245; on radiation, XX. 215; his telescopes, XXIII. 139, 141.
- FRAUSTADT, town, Prussia, IX. 728.
- FRAY BENTOS, town, Uruguay, XXIV. 15.
- FRAY GERUNDIO, Isla's book, XIII. 387.
- FRAYSSINOUS, Denis Antoine Luc, Comte de, French ecclesiastic and politician, IX. 728.
- FRAZER, or Fraser, river, British Columbia, VI. 169; XVIII. 116.
- FREDEGOND, early French queen, IX. 530.
- FREDERICI, German pianoforte maker, XIX. 71.
- , Cesare de, Venetian traveller, XVII. 857.
- FREDERICIA, town, Denmark, IX. 728.
- FREDERICK, the name, IX. 729.
- I., Barbarossa, emperor and German king, IX. 729; X. 489; XX. 793; his homage to Pope Alexander III., I. 486; in Italy, XIII. 472; his patronage of Bologna university, XXIII. 833.
- II., emperor and German king, IX. 731; X. 491; XX. 795; his attitude towards the crusades, VI. 630; as king of Italy, XIII. 474; his relations to the popedom, XIX. 500; to Sicily, XXII. 27; his quarrels with the Templars, XXIII. 162.
- III., emperor (IV. of Germany), IX. 733; X. 496.
- , prince of Augustenburg, VII. 88.
- , king of Bohemia (V. as elector palatine), IX. 742; X. 500.
- I., elector of Brandenburg, XX. 4.
- II., of Brandenburg, XX. 4.
- III., German king, IX. 733; X. 494.
- IV., German king (emperor Frederick III.), IX. 733; X. 496.
- I., king of Prussia, IX. 734; XX. 8.
- II., the Great, of Prussia, IX. 735; X. 503; XX. 9; his army, II. 593; his battles, III. 444; his influence on France, IX. 585; influence on German literature, X. 532; his contest with Russia, XXI. 99; Rauch's statue of, XX. 294; Voltaire at court of, XXIV. 288.
- I., elector and duke of Saxony, IX. 740; XXI. 353.
- II., of Saxony, IX. 741.
- III., of Saxony, IX. 741; XXI. 353; Spalatin's relations with, XXII. 366.
- , king of Sicily, XXII. 28.
- I., king of Sweden, XXII. 751.
- I., king of Württemberg, XXIV. 702.

- FREDERICK I.-II., electors palatine, IX. 741.
 — III.-IV., electors palatine, IX. 742.
 — V., elector palatine and king of Bohemia, IX. 742; X. 500.
 —, town, Maryland, U.S.A., xv. 603.
 — AUGUSTUS I. (Augustus II. of Poland), elector of Saxony, III. 84.
 — AUGUSTUS II. (Augustus III. of Poland), elector of Saxony, III. 85; XIX. 297; XXI. 355.
 — AUGUSTUS III., elector (I. as king) of Saxony, IX. 741; XXI. 355.
 — AUGUSTUS I., king of Saxony, IX. 741; XXI. 355.
 — AUGUSTUS II., king of Saxony, IX. 741; XXI. 356.
 — HENRY, of Orange-Nassau, stadtholder of Holland, XII. 79.
 — WILLIAM, elector of Brandenburg, IX. 733; XX. 6.
 — WILLIAM I., king of Prussia, IX. 735; XX. 8.
 — WILLIAM II., of Prussia, IX. 739; XX. 11.
 — WILLIAM III., of Prussia, IX. 739; XX. 11; his relations with Stein, XXII. 530.
 — WILLIAM IV., of Prussia, IX. 740; XX. 12.
 — CITY, town, Maryland, U.S.A., IX. 742.
 FREDERICKSBURG, town, Virginia, U.S.A., IX. 742; battle of (1862), III. 444; XXIII. 777.
 FREDERICKSHALD, town, Norway, IX. 742.
 FREDERICKSTAD, town, Norway, IX. 742.
 FREDERICTON, town, New Brunswick, IX. 742; XVII. 375.
 FREDERIKSHAAB, district, Greenland, XI. 170.
 FREDRIKSHALL, Norway, Charles XII. killed at, v. 422.
 FREDRO, Count Alexander, Polish comedian, XIX. 303.
 FREE CHURCH OF SCOTLAND, IX. 742; XXI. 538; Chalmers's relations to, v. 377.
 FREEDMAN, Roman, XXII. 133.
 FREEDOM OF CONTRACT, XIX. 360.
 FREEDOM OF THE WILL, Jonathan Edwards's work on the, VII. 690. See also Free-Will below.
 FREE GRACE, Melancthon's doctrine of, xv. 834.
 FREEHOLD, in English law, IX. 746; VI. 355; XIV. 264; XX. 305.
 FREE IMPERIAL CITIES, of Germany, IX. 747.
 FREE LIBRARIES, in England, XIV. 520, 542.
 FREEMAN, Edward Augustus, on chivalry, XIV. 126; on the origin of trial by jury, XIII. 784.
 FREEMAN'S JOURNAL, Dublin newspaper, XVII. 423.
 FREEMAN'S WELL, Alnwick, England, I. 596.
 FREEMANTLE, town, Western Australia, XXIV. 508.
 FREEMASONRY, IX. 747; condemned by Pope Clement XII., v. 823.
 FREEPORT, town, Illinois, U.S.A., IX. 752.
 FREE-SOIL PARTY, United States, XXIII. 768.
 FREE SPIRIT, Brethren of the, mediæval sect, III. 507; XVII. 132.
 FREETHINKING, Anthony Collins on, VI. 147.
 FREETOWN, town, Sierra Leone, West Africa, IX. 752; I. 269; XXII. 44.
 FREE TRADE, IX. 752; its effect on commerce, VI. 205; List's theory of, XIX. 389; Paterson's advocacy of, XVIII. 360; Sir Robert Peel's measures, VIII. 366; XVIII. 456.
 FREE-WILL, in ethics, VIII. 608; in relation to predestination, XIX. 670; Cudworth's theory, VI. 691; St Paul's doctrine, XVIII. 427.
 FREEWILL BAPTISTS, IX. 762.
 FREEZING-POINT, VIII. 731; XII. 611.
 FREGATA, genus of birds, IX. 786.
 FREGELLÆ (Pontecorvo), ancient town, Italy, XIX. 454.
 FREGGA, Frigg, or Freya, in Teutonic mythology, IX. 777; I. 209, 211.
 FREIBERG, town, Saxony, IX. 763; mining school of, XXIV. 502.
 FREIBURG (Freiburg in the Breisgau), town, Baden, Germany, IX. 764; cathedral sculptures, XXI. 564; university, XXIII. 842.
 —, town, Prussian Silesia, IX. 765.
 —, canton, Switzerland, IX. 763; XXII. 778; town, IX. 764; XXII. 778, 788.
 FREIDANK, or Freigedank, German poet, IX. 765.
 FREILIGRATH, Ferdinand, German poet, IX. 766; X. 546.
 FREIND, John, English physician and author, IX. 767; XV. 811.
 FREIRE, Francisco Joze, Portuguese historian and philologist, IX. 767.
 FREISCHÜTZ, in German folklore, IX. 767.
 —, Weber's opera, XXIV. 468.
 FREISING, town, Bavaria, IX. 767.
 FREIWALDAU, town, Austrian Silesia, IX. 767.
 FRÉJUS, town, France, IX. 767.
 FREMONT, town, Ohio, U.S.A., IX. 767.
 —, John Charles, his operations in California, IV. 695; candidate for presidency of United States, XXIII. 771.
 FREMONT'S PEAK, Wyoming, U.S.A., XXIV. 712.
 FRENEAU, Philip, American writer, I. 722.
 FRENCH, Nicholas, Irish pamphleteer, IX. 768.
 — ACADEMY, I. 74, 75; dictionary of, VIII. 194.
 — BEAN, vegetable, XII. 283.
 — DRAMA, VII. 423.
 — GUIANA, South America, XI. 253.
 — HORN, musical instrument, XII. 167.
 — LANGUAGE, IX. 629; XIV. 340; dictionaries of, VII. 184.
 — LITERATURE, IX. 637; Renaissance period, XX. 391; early romances, XX. 659; Rabelais's influence on, XX. 197; Rousseau's, XXI. 27.
 — REVOLUTION (1789), IX. 596; XX. 602; views of, in England, XIX. 143; its influence on the popedom, XIX. 508; on Spain, XXII. 342; in Switzerland, XXII. 793.
 — REVOLUTION, Reflections on the, Burke's, IV. 546.
 FRENTANI, ancient Italian people, XXI. 128, 248.
 FRENZELITE, mineral, XVI. 394.
 FRÉQUENTE COMMUNION, De la, Arnauld's work, II. 620.
 FRERE, John Hookham, English diplomatist and writer, IX. 768.
 FRÈRES DE SAINT-YON, religious brotherhood, XII. 700.
 FRÉRET, Nicolas, French scholar, IX. 768.
 FRÉRON, Élie Catherine, French critic and controversialist, IX. 769.
 —, Louis Stanislas, French Revolutionist, IX. 769.
 FRÉROTS, or Fratricelli, mediæval sect, IX. 725.
 FRESCO, IX. 769; XVII. 42; XXIII. 158; a secco, XXIII. 157; ceilings, in ancient burial-chapels, v. 214; Raphael's frescos, XX. 279.
 FRESCOBALDI, Girolamo, Italian musical composer, IX. 776; XVII. 90.
 FRESE, Jacob, Swedish poet, XXII. 755.
 FRESHWATER, town, Isle of Wight, England, XXIV. 562.
 — HERRING, fish, XXI. 224.
 FRESNEL, Augustin Jean, French physicist, IX. 776; his improvements in lighting apparatus, XIV. 619, 620.
 FRESNILLO, town, Mexico, IX. 776; XXIV. 761.
 FRESNOY, Charles Alphonse du, French painter and writer, IX. 776.
 FRESNY, Rivière du, French journalist, XVII. 424.
 FRET, in heraldry, XI. 697.
 — PATTERNS, in Japanese art, XIII. 590.
 FREUDENSTADT, town, Württemberg, Germany, IX. 776.
 FREUDENTHAL, town, Austrian Silesia, IX. 777.
 FREY, in northern mythology, I. 210.
 FREYA, or Fregga, in Teutonic mythology, IX. 777; I. 209, 211.

- FREYBERG, or Freiberg, town, Saxony, IX. 763.
 FREYBURG, or Freiburg, town, Baden, Germany, IX. 764.
 FREYCINET, Louis Claude Desaulles de, French navigator, IX. 777.
 FREYSING, or Freising, town, Bavaria, IX. 767.
 FREYTAG, Georg Wilhelm Friedrich, German Orientalist, IX. 777.
 —, Gustav, German novelist, X. 545.
 FREZZI, Federigo, Italian writer, XIII. 505.
 FRIAR, member of mendicant order, IX. 777; V. 116; VII. 354; IX. 698; XVI. 710; in England, 13th century, VIII. 316.
 FRIAR-BIRD, XII. 139.
 FRIAR'S CAP, plant, I. 98.
 FRIAR WILLIAM (Rubruquis), Oriental traveller, XXI. 46.
 FRIBOURG (Freiburg), canton, Switzerland, IX. 763; XXII. 778; town, IX. 764; XXII. 778, 788.
 FRICHT, Alexandre, French musical instrument maker, XVII. 778.
 FRICKER, Edith, first wife of Robert Southey, XXII. 290.
 FRICTION, in physics, IX. 777; XV. 702, 731, 765; expenditure of energy on, VIII. 208; of gases, XVI. 618; of liquids, XII. 482; XIX. 247; influence of lubricants on, XV. 35; stability of, XV. 751; tidal, XXIII. 360, 374.
 FRICTIONAL ELECTRICITY, VIII. 99.
 FRIDA, Emil Bohus, Bohemian poet, XXII. 152.
 FRIDERICIA, or Fredericia, town, Denmark, IX. 728.
 FRIEDELITE, mineral, XVI. 424.
 FRIEDLAND, town, Bohemia, IX. 778.
 —, town, Mecklenburg-Strelitz, Germany, IX. 778.
 —, town, Prussia, IX. 779; battle of (1807), XVII. 210.
 —, Duke of (Wallenstein), general, XXIV. 328.
 —, Valentin (Trotzendorf), German educationist, XXIII. 588.
 FRIEDRICH (Frederick, *q.v.*), German name, IX. 729.
 — LUDWIG, prince of Hohenlohe, Prussian general, XII. 51.
 FRIEDRICHSHALL, spa, Saxe-Meiningen, Germany, XVI. 436.
 FRIENDLY ISLANDS, South Pacific, IX. 779.
 FRIENDLY SOCIETIES, IX. 780; registration of, XX. 344.
 FRIENDS, Society of (Quakers), XX. 147; founder of, IX. 500.
 — IN COUNCIL, Helps's work, XI. 639.
 — OF GOD, mystic sect, XVII. 486; XXIII. 82.
 — OF THE PEOPLE, Society of, English political party, XI. 190.
 FRIES, Elias Magnus, Swedish botanist, IX. 785.
 —, Jacob Friedrich, German philosopher, IX. 785; his relations to rationalism, XX. 290.
 FRIESEITE, mineral, XVI. 393.
 FRIESLAND, province, Holland, IX. 785; XII. 98.
 FRIESLEBENITE, mineral, XVI. 394.
 FRIEZE, in architecture, II. 464.
 FRIGATE-BIRD, IX. 786.
 FRIKELL, Wiljalba, conjurer, XIV. 415.
 FRINGILLA, genus of birds, XIV. 675; XXII. 369.
 FRINIATES, Ligurian tribe, Italy, XIII. 447; XIV. 640.
 FRISCH, J. L., on birds, XVIII. 8.
 FRISCHE HAFF, lagoon, Prussia, XX. 20.
 FRISCHLIN, Nicodemus, German scholar and poet, IX. 786.
 FRISI, Paolo, Italian mathematician and astronomer, IX. 787.
 FRISIA, ancient region of Europe, IX. 787; ancient law code of, XXI. 215.
 FRISIAN LANGUAGE, IX. 788; XII. 84; dictionaries of, VII. 187.
 FRISIAN LITERATURE, IX. 788.
 FRISIANS, ancient Teutonic people, IX. 787; St Willibrord's mission to, XXIV. 587.
 FRISIUS, Gemma, on navigation, XVII. 251.
 FRIT FLY, wheat pest, XXIV. 535.
 FRITH, John, early English Reformer, IX. 789.
 FRITH-GUILDS, associations for mutual defence, XI. 260.
 FRITHIGERN, Gothic chief, X. 848, 849; XXIII. 258, 720.
 FRITHIOFS SAGA, Tegnér's poem, XXIII. 110.
 FRITILLARIA, genus of Tunicata, XXIII. 615; XXIV. 186.
 FRITSLAR, Herbert von, romancist, XX. 639.
 FRITZLAR, town, Prussia, IX. 790.
 —, Hermann von, German mystic, XVII. 133.
 FRIULI, district, Austria and Italy, IX. 790.
 FRIZON (Gemma Frisius), on navigation, XVII. 251.
 FROBEN, or Frobenius, Joannes, German printer and scholar, IX. 791; his relations with Erasmus, VIII. 514.
 FROBERGER, Johann Jacob, German musician, XVII. 90.
 FROBISHER, Sir Martin, English navigator, IX. 791; X. 184; his Arctic explorations, XIX. 316.
 FRODOART (Flodoard), French chronicler, IX. 328.
 FROEBEL, Friedrich Wilhelm August, German educationist, IX. 792; XIV. 79.
 FROG, amphibian, IX. 795; anatomy of, I. 751; egg of, XX. 418; hibernation of, XI. 789; parasites of, XVIII. 259; XXIII. 539.
 FROG-FISH, IX. 269.
 FROGMORE, Berkshire, England, Mausoleum at, I. 453.
 FROGS, The, Aristophanes's comedy, II. 509.
 FRÖHLICH, Abraham Emanuel, German-Swiss poet, IX. 797.
 FROISSART, Jean, French chronicler, IX. 797, 646.
 FROME, town, England, IX. 802; XXII. 258.
 FROMENTIN, Eugène, French painter, IX. 802.
 FROMME, C., his experiments in magnetism, XV. 258.
 FRONDE, War of the, in France, IX. 572; XIV. 867; Condé's connexion with, VI. 246; Mazarin's, XV. 652; Louise d'Orléans's, XVI. 793; Retz's, XX. 488.
 FRONSAC, town, France, XIV. 509.
 FRONT, St, early French missionary, XVIII. 535.
 FRONTINUS, Justinus (Justin), Latin historian, XIII. 791.
 —, Sextus Julius, Roman soldier and writer, IX. 803; inspector of Roman aqueducts, XII. 435; his language and style, XIV. 337.
 FRONTO, Marcus Cornelius, Roman grammarian, IX. 803; his language and style, XIV. 338.
 FROSINONE, town, Italy, IX. 803.
 FROST, Geological action of, X. 265, 280.
 —, William Edward, English painter, IX. 803.
 FROST-BITE, XVI. 849; XXII. 683.
 FROTTÉ, Louis de, French royalist, XVII. 203.
 FROUDE, William, English naval architect, XXI. 809.
 FROWLE, bird, XI. 262.
 FRUCTIDOR 18, Coup d'état of (1797), France, XVII. 199.
 FRUELA I., king of Leon, XXII. 311.
 FRUE-VANNER, mining apparatus, XVI. 465.
 FRUGALITY BANKS, XXI. 327.
 FRUGONI, Carlo Innocenzo, Italian poet, IX. 804; XIII. 511.
 FRUIT, of plants, IV. 148; formation of, XX. 429; culture of, I. 384; II. 322; dried, XIX. 707; garden, XII. 268.
 FRUMENTIUS, early Christian missionary and first bishop of Abyssinia, IX. 804; I. 65.
 FRUSINUM, or Frusino (Frosinone), ancient town, Italy, IX. 803.
 FRUYTIERS, Philip, Flemish painter, IX. 804.
 FRY, of fish, as article of food, XXIV. 550.
 —, Elizabeth, English philanthropist, IX. 804; on prison discipline, XIX. 749.

- FRYING, of meat, VI. 333.
 FRYTH, or Frith, John, early English Reformer, IX. 789.
 FRYXELL, Anders, Swedish historian, XXII. 758.
 F's, The Three, in Irish land tenure, XIV. 277.
 FUAD PASHA, Mehmed, Turkish statesman and author, IX. 805.
 FUCHITE, mineral, XVI. 413.
 FUCHS (Fux), Johann Joseph, Austrian musical composer, IX. 855; XVII. 90.
 —, Johann Nepomuk von, German chemist and mineralogist, IX. 805.
 —, Leonhard, German physician and botanist, IX. 806.
 FUCHSIA, plant, IX. 806; XII. 263.
 FUCINUS (Fucino), lake, Italy, V. 286; XIII. 440; drainage tunnel at, XXIII. 623.
 FUEGIA, islands, Tierra del Fuego, South America, XXIII. 384.
 FUEGIANS, races of Indians, XII. 829.
 FUEL, IX. 807; composition of various kinds of, VI. 47; for blast furnaces, XIII. 292, 315; gas as, Siemens's experiments with, XXII. 37; petroleum as, XVIII. 720; for smelting ores, XVI. 60; in relation to smoke abatement, XXII. 182; for steam boilers, XXII. 500, 519.
 FUENTE DE CANTOS, town, Spain, IX. 810.
 FUENTE DEL MAESTRE, town, Spain, IX. 810.
 FUENTERRABIA (Fontarabia), town, Spain, IX. 810.
 FUENTES, Manuel A., Peruvian writer, XVIII. 676.
 FUERO, Spanish legal charter and code, IX. 810.
 FUERTEVENTURA, island, Canaries, IV. 800.
 FUGGER, Swabian family, Germany, IX. 811.
 FUGITIVE SLAVE LAWS, in United States, IX. 165; XXIII. 768.
 FUGUE, in music, XVII. 82.
 FUH-CHOW, or Fuh-Chow Foo (Foo Chow), town, China, IX. 812; V. 636.
 FUH-KEEN, province, China, V. 636.
 FÜHRICH, Joseph von, Austrian painter, IX. 812.
 FUJI-SAN, or Fuji, volcano, Japan, XIII. 571; pilgrimages to, XIX. 92.
 FULAHs, or Foulahs, Negro race, Africa, I. 263; XVII. 319; XXII. 248, 278, 279.
 FULBERT, Canon, uncle of Heloise, I. 34.
 —, scholastic philosopher, XXI. 421.
 FULBROKE PARK, Warwickshire, England, XXI. 753.
 FULCHER, Geoffrey, Knight Templar, XXIII. 161.
 FULDA, monastery and town, Germany, IX. 812; monastic library of, XIV. 513; philosophical school, XXI. 420.
 —, river, Germany, XXIV. 503.
 FULFORD, England, Battle of (1066), XI. 485.
 FULGENTIUS, Gottschalk, German theologian, X. 855.
 FULGINIUM (Foligno), ancient town, Italy, IX. 356.
 FULGORA, genus of insects, XIV. 290.
 FULHAM, suburb of London, IX. 813; XIV. 822.
 FULIGNO, or Foligno, town, Italy, IX. 356.
 FULIGULA, genus of birds, XIX. 252; XXI. 378.
 FULK, count of Anjou, Knight Templar, XXIII. 160.
 — FITZWARIN, romance, XX. 658.
 FULLER, Andrew, English Baptist divine, IX. 813.
 —, Sarah Margaret, Marchioness Ossoli, American writer, XVIII. 57.
 —, Thomas, English divine and historian, IX. 814.
 FULLER'S EARTH, IX. 816; XVI. 424.
 FULLING, in wool manufacture, XXIV. 661.
 FULLONICA, fuller's shop, at Pompeii, XIX. 449.
 FULMAR, bird, IX. 817.
 FULMINATES, explosives, VIII. 808.
 FULTON, Robert, American engineer, IX. 817; his invention of a steamboat, III. 542.
 FUMARIA, genus of plants, IX. 817.
 FUMIGATION, Religious, with incense, XII. 718, 721.
 FUMITORY, plant, IX. 817.
 FUNARIA HYGROMETRICA, species of mosses, XVII. 71, 72.
 FUNCHAL, town, Madeira, XV. 179.
 FUNCTION, in mathematical analysis, IX. 818; XIII. 13; XV. 630; XXIV. 71.
 FUNCTIONS, Analytical, Theory of, Lagrange's work, XIV. 209.
 —, Elliptic, Legendre's researches on, XIV. 413; Henry J. S. Smith's papers on, XXII. 173.
 FUNDI (Fondi), ancient town, Italy, IX. 361.
 FUNDS, national debt, XVII. 245.
 FUNDY, Bay of, North America, XVII. 373, 601.
 FUNEN, island, Denmark, VII. 80, 83.
 FUNERAL RITES, IX. 824; III. 398; their origin and meaning, II. 56; dances, VI. 799; feasts, IX. 113; in primitive church, V. 211; XXI. 155; in relation to totemism, XXIII. 470; Egyptian, VII. 722, 728; XVII. 20; ancient Mexican, XVI. 213; Parsee, XVIII. 326; Phenician, XVIII. 810; Scythian, XXI. 576; Tibetan, XXIII. 344.
 FÜNFHAUS, suburb of Vienna, IX. 827.
 FÜNFKIRCHEN, town, Hungary, IX. 827; university of, XXIII. 840.
 FUNGUS, FUNGI, division of vegetable kingdom, IX. 827; XXIV. 127; relations to Algæ, III. 692; XXIV. 128; reproduction of, IV. 162; XX. 423, 430; vegetative organs of, IV. 107; edible species, XVII. 74; parasitic species, XVIII. 266; for the herbarium, XI. 718; phosphorescence in, XVIII. 813; in vine diseases, XXIV. 240.
 FUR, IX. 836; of ermine, VIII. 526; of seals, XXI. 583; Canadian, IV. 775; yield in Siberia, XXII. 9.
 —, in heraldry, XI. 691.
 —, group of Negroes, Africa, VI. 825; XVII. 319.
 FURETIÈRE, Antoine, French lexicographer, IX. 839; his French dictionary, VII. 185; his dispute with La Fontaine, XIV. 205; ana of, I. 784.
 FURIES (the Greek Erinyes), in Latin mythology, IX. 840; VIII. 524.
 FURLANIANS, ancient people of Friuli, Italy, IX. 790.
 FURNACE, IX. 840; method of measuring temperature of, XX. 132; for assaying, II. 725; for the garden, XII. 228; for glass-making, X. 657; for iron and steel making, XIII. 293, 349; for lead smelting, XIV. 375; for minting operations, XVI. 486; Siemens's regenerative, XXII. 37; for smelting ores, XVI. 60; for steam-boilers, XXII. 496.
 FURNEAUX, Captain, his explorations of Australian coasts, III. 104.
 FURNESS ABBEY, Lancashire, England, III. 396; XIV. 254.
 FURNITURE, IX. 847.
 FURREEDKOTE (Faridkot), state, India, IX. 33.
 FURREEDPORE (Faridpur), district, British India, IX. 33.
 FURRUCKABAD (Farrakhabad), district, India, IX. 42.
 FURSEY, abbot of Lagny, Celtic reformer, XVI. 707.
 FÜRST, German title, XIX. 739.
 —, Julius, German Orientalist, IX. 850.
 FÜRSTENBERG, two noble German families, IX. 851.
 FÜRSTENBUND, league of German princes, XX. 11.
 FÜRSTENWALDE, town, Prussia, IX. 851.
 FÜRTH, town, Bavaria, IX. 851.
 FURTUM, or Theft, Law of, XXIII. 231.
 FURZE, shrub, IX. 851.
 FUSANUS, genus of trees, XXI. 255.
 FUSE, in pyrotechny, XX. 135; safety, for mining, XVI. 445; for ammunition shells, I. 745; XI. 305.
 FUSEE, match, XV. 626.
 —, of a watch, XXIV. 394.
 FUSELI, Henry, Swiss painter and writer, IX. 852.
 FUSEL OIL, IX. 853.
 FUSIBILITY OF METALS, Table showing the, XVI. 66.
 FUSIL, in heraldry, XI. 697.

- FUSING-POINTS, of alloys, XX. 132.
 FUSIYAMA, Fuji, or Fujisan, volcano, Japan, XIII. 571; XIX. 92.
 FUSLEE ERA, Mohammedan, in India, v. 719.
 FUST, Sir H. Jenner, his decision on church altars, I. 641.
 —, Johann, early German printer, IX. 853; XXIII. 684, 687; his Psalter, III. 653.
 FUSTIAN, cloth, IX. 855; XXIII. 210.
 FUSTIC, dyestuff, IX. 855.
 FUTA - JALLON, district, Senegambia, West Africa, XXI. 661.
 FUTAK, father of Mani, xv. 482.
 FUTTEHPUR (Fathipur), district and town, India, IX. 50.
 — SIKRI, town, India, IX. 51.
 FUTURE, Psychological presentation of the, xx. 64.
 — EVENTS, Mathematical probability of, XIX. 773.
 — STATE, in eschatology, VIII. 537.
 FUX, Johann Joseph, Austrian musical composer, IX. 855; XVII. 90.
 FUXUM (Foix), ancient town, France, IX. 353.
 FUZE, or Fuse (*q.v.*), Percussion, XI. 305.
 FÜZES-GYARMAT, town, Hungary, XI. 346.
 FUZULI, Ottoman poet, XXIII. 656.
 FYLKI, Norwegian division of land, XVII. 584.
 FYNE, Loch, Scotland, its herring fishery, IX. 260.
 FYRD, early English militia, II. 568.
 FYT, Johannes, Flemish painter, IX. 856.
 FYZABAD (Faizabad), division and district, India, VIII. 855; town, VIII. 855; XVIII. 72.
- G**, the seventh letter of the alphabet, X. 1.
 GA, language and tribe, Gold Coast, Africa, X. 756.
 GABÆ (Ispahan), ancient town, Persia, XIII. 395.
 GABAO, river, West Coast, Africa, X. 3.
 GABELENTZ, Hans Conon von der, German philologist, X. 1.
 GABELSBERGER, F. X., German stenographer, XXI. 841.
 GABES, town, Tunis, XXIII. 620.
 GABET, J., French traveller in Tibet, XIV. 503; XXIII. 338.
 GABII, ancient town, Italy, X. 2; XIV. 344.
 GABION, in fortification, IX. 424.
 GABLE, in architecture, II. 465.
 GABLER, Georg Andreas, German philosopher, X. 2.
 —, Johann Philipp, German theologian, X. 2.
 GABLONZ, town, Bohemia, X. 3.
- GABOON, river, West Coast, Africa, X. 3; I. 254.
 GABRIAS, or Babrius, Greek fabulist, III. 181.
 GABRIEL, of Scripture, X. 3.
 —, bishop of Hormizdsher, Syriac writer, XXII. 837.
 — BAR BOKHT-ISHO, Syrian physician, XXII. 847.
 — KAMSA, Syriac writer, XXII. 855.
 — TAURETHA, Syriac writer, XXII. 843.
 GABRIELLI, Pirro Maria, Italian man of science, XXII. 43.
 GABRIG, river, Persia, XVIII. 620.
 GAD, prophet, in Scripture, X. 4.
 —, Tribe of, X. 4.
 GADAMES, or Ghadames (*q.v.*), town, Sahara, Africa, X. 4.
 GADARA, ancient town, Syria, X. 4.
 GADDESSEN, John, English writer on medicine, xv. 807.
 GADDI, family of Italian painters, X. 5.
 —, Agnolo, X. 5; his glass paintings X. 669.
 GADES (Cadiz), ancient town, Spain, IV. 626; XVIII. 806; XXII. 305.
 GAD-FLY, VII. 256.
 GADIATCH, town, Russia, X. 6.
 GADOLINITE, mineral, XIV. 292; XVI. 409.
 GADSHILL PLACE, Kent, Dickens's residence, VII. 178.
 GADUS, genus of fishes, XI. 363; XII. 691; XIX. 402, 650; XXIV. 554.
 GADWALL, bird, X. 6.
 GÆA, Oracle of, at Olympia, XVII. 808.
 GAEKWAR, or Gaikwar, Mahratta ruler, III. 381; XV. 290.
 GAELIC LANGUAGE, X. 6; v. 298; XIV. 694; dictionaries of, VII. 188.
 GAELIC LITERATURE, X. 6; of Scotland, v. 313, 327.
 GAELS, v. 297; in Ireland, XIII. 244, 246; in Scotland, XXI. 473; in Wales, XVIII. 482.
 GAETA, town, Italy, X. 13.
 —, Giovanni da (Pope Gelasius II.), X. 130.
 GAETANO, Giovanni (Pope Nicholas III.), XVII. 484.
 GÆTULIA, ancient district, North Africa, X. 14.
 GÆTULIANS, people, Mauretania, Africa, xv. 637; XVII. 628.
 GAFF, kind of sail, XXI. 153.
 GAGATES, mineral, XIII. 672.
 GAGE, Thomas, English governor of Massachusetts, X. 14; XXIII. 739.
 GAGERN, Hans Christoph Ernst, Baron von, German statesman, X. 14.
 GAHLAH, edentate mammal, XVIII. 211.
 GAHNITE, mineral, XVI. 386.
 GAHN'S BLOWPIPE, III. 837.
 GAIA (Oporto), ancient town, Portugal, XVII. 796.
 —, village, Paxo, Greece, XVIII. 439.
- GAICYN, town, Russia, X. 16.
 GAIKWAR, ruler of Baroda, India, III. 381; XV. 290.
 GAIENREUTH CAVE, Germany, v. 267.
 GAILLAC, town, France, X. 15.
 GAILLARD, Ferdinand, French engraver, VIII. 443.
 —, Gabriel Henri, French historian, X. 15.
 GAINSBOROUGH, town, England, X. 15.
 —, Thomas, English painter, X. 15; XXI. 441.
 GAION, or Gaia, village, Paxo, Greece, XVIII. 439.
 GAIR-FOWL, or Gare-Fowl, X. 78; III. 85, 734.
 GAISERIC, or Genserik (*q.v.*), king of the Vandals, X. 159; XX. 781; XXIV. 58.
 GAISSIN, town, Russia, X. 16.
 GAIUS, Roman jurist, X. 16; XIII. 794; his diction and style, XIV. 338; Institutes of, discovered by Niebuhr, XVII. 492.
 GAJ, Ljudevit, Croatian writer, XXI. 691.
 GALA, river, Scotland, XXIII. 673.
 GALAAD, or Galahad, hero of Arthurian romance, XX. 646, 647.
 GALABAT, town, Upper Egypt, X. 17.
 GALACTIN, constituent of milk, XVI. 303.
 GALACTITE, mineral, XVI. 423.
 GALACTOMETER, for indicating specific gravity of milk, I. 168.
 GALACZ (Galatz), town, Roumania, X. 21.
 GALAGINÆ, subfamily of lemurs, XIV. 442.
 GALAHAD, or Galaad, hero of Arthurian romance, XX. 646, 647.
 GALAM, of Irish legend, XIII. 244.
 GALANGAL, aromatic drug, X. 17.
 GALANTHUS, genus of plants, XXII. 201.
 GALAOR, brother of Amadis of Gaul, XX. 654.
 GALAPAGOS ISLANDS, Pacific Ocean, X. 17; birds of, III. 747.
 GALASHIELS, town, Scotland, X. 18; XXI. 638.
 GALATA, part of Constantinople, VI. 306.
 GALATEA, of Greek legend, XVII. 346.
 —, pastoral by Cervantes, v. 351.
 GALATI, ancient Gallic tribe, X. 111.
 GALATIA, division, Asia Minor, X. 18; coins of, XVII. 648; St Paul in, XVIII. 419.
 GALATIANS, Epistle to the, X. 19.
 GALATINA, town, Italy, X. 21.
 GALATZ, town, Roumania, X. 21; XXI. 16.
 GALAUP, Jean François, French navigator, XIV. 298.
 GALBA, Servius Sulpicius, Roman emperor, X. 21; XVII. 351; XX. 773; his contest with Otho, XVIII. 65.
 GALBANUM, gum-resin, X. 22.
 GALBULA, genus of birds, XIII. 531.
 GALCHAS, race of people, Asia, XXIII. 25, 636.

- GALDAN, convent, Tibet, XIV. 501.
 —, Kalmuk khan, XVI. 745.
 GALE, Theophilus, English theologian, X. 23.
 —, Thomas, English scholar, X. 23.
 GALEAZZO, Gian, count of Pavia, XIII. 478.
 GALELA, town, Jilolo, Indian Archipelago, XIII. 692.
 GALEN, Christoph Bernhard van, prince-bishop of Münster, X. 23.
 —, Claudius, ancient medical writer, X. 23; XV. 803; as anatomist, I. 803; on arteries and veins, XXIV. 95; on the brain as the seat of intellect, XVIII. 842; his surgery, XXII. 675.
 GALENA, mineral, XIV. 375; XVI. 391.
 —, town, Illinois, U.S.A., X. 24.
 GALENSTOCK, mountain, Switzerland, XXIV. 11.
 GALEOCERDO, genus of sharks, XXI. 776.
 GALEODES, genus of Arachnida, II. 280.
 GALEOPTHECIDÆ, family of insectivorous mammals, XV. 401.
 GALERIUS MAXIMIANUS, Roman emperor, XV. 644.
 GALESBURG, town, Illinois, U.S.A., X. 24.
 GALEUS, genus of sharks, XXI. 774.
 GALGACUS, ancient British chief, IV. 353; 663; I. 290.
 GALGULUS, genus of birds, XII. 696.
 GALIANI, Ferdinando, Italian political economist, X. 24; XIX. 362.
 GALICIA, province, Austria, X. 25; insurrection in (1846), III. 136.
 —, province, Spain, X. 26; XXII. 298; dialect of, XXII. 352.
 GALIEN, Joseph, his aeronautic chimera, I. 187.
 —, LE RHETORÉ, romance, XX. 652.
 GALILEE, province, Palestine, X. 27; XVIII. 171, 177.
 —, Sea of, Palestine, X. 29.
 GALILEI, Vincenzo, father of Galileo, X. 30; on music, XVII. 86.
 GALILEO (Galileo Galilei), Italian man of science, X. 30; anagram of one of his discoveries, I. 791; his astronomical discoveries, II. 753; on the rings of Saturn, II. 811; his telescopes, XXIII. 136; his thermometer, XXIII. 288; as a writer, XIII. 511.
 GALINDÆ, ancient tribes, Lithuania, XIV. 701.
 GALINGALE, or Galangal, aromatic drug, X. 17.
 GALIN-PARIS-CHEVÉ, system of musical notation, XVII. 100.
 GALITCH, town, Russia, X. 37.
 GALL, Franz Joseph, Swiss anatomist and phrenologist, X. 37; XVIII. 842.
 —, Theodore, on the brain, XVIII. 843.
 GALLA, race of people, Africa, X. 38; I. 63; 263.
 GALLABAT, or Galabat, town, Upper Egypt, X. 17.
 GALLAND, Antoine, French Orientalist, X. 37; translator of Arabian Nights, XXIII. 318.
 GALLARATE, town, Italy, X. 38.
 GALLAS, or Galla, African race, X. 38; I. 63; 263.
 GALLATIN, Albert, American politician, X. 38.
 —, MOUNTAINS, Wyoming, U.S.A., XXIV. 737.
 GALL-BLADDER, in anatomy, VII. 231; surgical removal of, XXII. 691.
 GALLE, J. G., on parallax, XVIII. 249.
 —, Point de, town, Ceylon, X. 40.
 GALLEGRO, dialect of Galicia, Spain, XXII. 352.
 GALLEGOS, river, Patagonia, XVIII. 353.
 —, Spanish people, X. 26.
 GALLERY, in architecture, II. 465; in tunnelling, XXIII. 622.
 GALLEYS, Egyptian and Phœnician, XXI. 805.
 GALL-FLY, XII. 576.
 GALLIA, or Gaul (*q.v.*), X. 111; coins of, XVII. 635; libraries, XIV. 512.
 —, NARBONENSIS, XIV. 287.
 GALLIC ACID, X. 41; XIV. 381.
 GALLICAN CHURCH, Liberties of the, IX. 543; 550, 578; XIX. 506, 507.
 GALLICANUS, Vulcatus, Augustan historian, III. 74.
 GALLIEN, Johanna, wife of Wytttenbach, XXIV. 715.
 GALLIENUS, P. Licinius, Roman emperor, X. 42; XX. 776.
 GALLINÆ, group of birds, XVIII. 46.
 GALLINAGO, genus of birds, XXII. 200.
 GALLINULA, genus of birds, XVI. 808.
 GALLIO, Junius Annaeus, Roman pro-consul of Achaia, X. 42.
 GALLIOLI, town, Italy, X. 42.
 —, town, Turkey, X. 42.
 GALLIRALLUS, genus of birds, XVII. 722.
 GALLIREX, genus of birds, XXIII. 487.
 GALLIUM, chemical element, X. 43.
 GALL NUTS, X. 45.
 GALLO-GRÆCIA, or Galatia, Asia Minor, X. 18.
 GALLON, standard of measure, XXIV. 480.
 GALLOTANNIC ACID, XXIII. 48.
 GALLOWAY, district, Scotland, XIV. 98; XVII. 571; XXIV. 563.
 —, Thomas, Scottish mathematician, X. 43.
 —, HORSE, XII. 190.
 GALLS, Animal and vegetable, X. 43; formation of, XIII. 143; use of, in tanning, XIV. 382.
 GALL'S PROCESS, in wine-making, XXIV. 603.
 GALL STONES, use of siliculate of sodium in their treatment, XXI. 217.
 GALLUPPI, Pasquale, Italian philosopher, X. 46.
 GALLUS, genus of birds, IX. 491; XIX. 644.
 —, brother of the emperor Julian, XIII. 768.
 —, C. Cornelius, Roman poet and orator, X. 47; reference to, in Virgil's Georgics, XXIV. 253.
 —, Martin, Polish chronicler, XIX. 299.
 GALMEI, mineral, XVI. 410.
 GALOIS, Évariste, French mathematician, X. 48.
 GALOUBET, musical pipe, XIX. 110.
 GALT, town, Ontario, Canada, XVII. 775.
 —, John, Scottish novelist, X. 47.
 GALTCHA, or Galchas, people, Turkestan, XXIII. 25, 636.
 GALTMORE, mountain, Ireland, XIII. 215; XXIII. 405.
 GALUPPI, Baldassare, Italian composer, X. 48.
 GALVANI, Luigi, Italian physiologist, X. 48; his electrical discoveries, VIII. 9.
 GALVANIC BATTERIES, VIII. 92.
 GALVANISM, applied to blasting, III. 808; Nobili's discoveries in, XVII. 524.
 GALVANIZED IRON, XIII. 357.
 GALVANOMETER, for measuring electric currents, X. 49; construction of, VIII. 13; differential, VIII. 43; its use in telegraphy, XXIII. 116.
 GALVANOTROPISM, in vegetable physiology, XIX. 60.
 GALVESTON, town, Texas, U.S.A., X. 53; XXIII. 205.
 GALVEZ, Bernard, Spanish governor of New Orleans, XVII. 404.
 GALWAY, county, Ireland, X. 55; population and representation, XXIII. 727; town, X. 56; Queen's College at, XXIII. 855.
 GAMA, Vasco da, Portuguese navigator, X. 57; his discoveries, X. 181; doubling of Cape of Good Hope by, V. 44; his expedition to India, XII. 796.
 GAMALIEL, Jewish rabbi, X. 58.
 GAMARRA, General, ruler in Peru, XVIII. 678.
 GAMASIDES, family of acarids, II. 276.
 GAMBA, organ pipe, XVII. 830.
 GAMBASSI, or Ghambasso, F. D. L., his glass paintings, X. 670.
 GAMBETTA, Léon, French politician, IX. 626.
 GAMBIA, colony and river, West Africa, X. 59; I. 253; XXI. 661; birds of, III. 759.
 GAMBIER, Lord, English admiral, X. 60.
 —, ISLANDS, South Pacific, XXIII. 602.
 GAMBIR, dyestuff, V. 220; XIV. 382.
 GAMBIT, in chess, V. 593.

- GAMBLING, Law in relation to, x. 67.
 GAMBOA, Sarmiento de, Patagonian explorer, XVIII. 353.
 GAMBOGE, gum-resin, x. 60; IV. 725; XIX. 87.
 GAME, Preservation of, its influence on agriculture, I. 410; on land tenure, XIV. 270, 276.
 — FOWLS, XIX. 644.
 — LAWS, x. 61; in relation to Sabbath observance, XXII. 655; in Switzerland, XXII. 777.
 GAMES, Ancient, x. 63; gladiatorial, x. 632; Olympic, XVII. 766; secular, at Rome, XXI. 618.
 —, Modern, their legal aspects, x. 66; XXIV. 305.
 GAMETES, reproductive cells of plants, XX. 425.
 GAMING, its legal aspects, x. 66; XXIV. 305.
 GAMLIEL, or Gamaliel, Jewish rabbi, x. 58.
 GAMMA FUNCTION, Tables of, XXIII. 14.
 GAMMER GURTON'S NEEDLE, Still's comedy, VII. 428; XXII. 550; Skelton's song in, XXII. 120.
 GAMOGENESIS, sexual generation, III. 686.
 GAMPO, Srong Tsan, Tibetan king, XIV. 228.
 GAMUT, in music, XVII. 80.
 GAND (Ghent, *q.v.*), town, Belgium, x. 562.
 GANDAK, river, Nepal, XVII. 340.
 GANDER, river, Newfoundland, XVII. 382.
 GANDERSHEIM, town and abbey, Germany, x. 67; the nun of (Hros-vitha), writer, XII. 326.
 GANDIA, town, Spain, x. 67.
 —, Duke of (Francis Borgia), IX. 694.
 GANDO, kingdom, Soudan, Africa, x. 67; XXII. 279.
 GANDY, William, English painter, XX. 502.
 GANELON, of the Roland legends, XX. 626.
 GANGANELLI, Giovanni V. A. (Pope Clement XIV.), v. 823.
 GANGES, river, India, x. 68; XII. 732; XVII. 572; canal, II. 222; valley, III. 562.
 GANGI, town, Italy, x. 68.
 GANGLIA, nerve centres, I. 858; XIX. 37; in sympathetic nervous system, I. 883; in Mollusca, XVI. 637, 643.
 GANGO, town, India, XXI. 152.
 GANGOTRI, place of pilgrimage, India, x. 69.
 GANGPUR, state, India, x. 69; v. 768.
 GANGRA, town, Asia Minor, XVIII. 228.
 GANGRENE, disease, XVI. 849; treatment of, XXII. 683.
 GANG-SAWS, XXI. 344.
 GANGUE, matrix of ores, XVI. 59.
 GAN-HWUY, province, China, v. 635.
 GANI, islands, Ladrões, South Pacific, XIV. 199.
 GANILH, Charles, French political economist, x. 69.
 GANJA, or Bhang, plant, III. 627; XI. 648.
 GANJAM, district, India, x. 69.
 GAN-KING, town, China, v. 635.
 GANNAL, Jean Nicolas, French chemist, x. 70.
 GANNAT, town, France, x. 70.
 GANNET, bird, x. 70.
 GANOIDEI, or Ganoids, group of fishes, I. 275; XII. 686; in Lankester's classification, XXIV. 812.
 GANS, Edward, German jurist, x. 71.
 GÄNSBACHER, Johann Baptist, Tyrolese musical composer, x. 72.
 GANSHA, town, Russia, VIII. 146.
 GANYMEDE, in Greek mythology, x. 72.
 —, Rape of, sculpture by Leochares, XIV. 454.
 GAOLS, prisons, XIX. 747; discipline of, XIX. 747; Mrs Fry's reforms, IX. 805; Howard's, XII. 320.
 GAP, town, France, x. 72.
 GARA, Lough, Ireland, XX. 850; XXII. 159.
 GARAMA (Germa), ancient town, Africa, IX. 130.
 GARASSE, François, French Jesuit, IX. 661.
 GARAT, Dominique Joseph, French writer, x. 73.
 —, Pierre Jean, French composer and singer, x. 73.
 GARAY, Janos, Hungarian poet and historian, x. 73; XII. 378.
 GARAYE, La, chateau at Dinan, France, VII. 242.
 GARBO, Raffaellino del, Italian painter, x. 73.
 GARÇAO, Pedro Antonio Correa, Portuguese poet, x. 74.
 GARCIA, town, Mexico, XXIV. 761.
 —, king of Galicia, Spain, I. 615.
 —, Adolfo, Peruvian poet, XVIII. 676.
 —, Andres de Cespedes, Spanish geographer, XVII. 253.
 —, Manoel, Spanish composer and singer, x. 74.
 —, Vicens, Catalan writer, XXII. 364.
 — DE SILVA, Don, Spanish envoy to Persia, XVIII. 638.
 GARCILASO DE LA VEGA, Spanish soldier and poet, x. 74. See Vega.
 GARCILASO INCA DE LA VEGA, Spanish historian, x. 74.
 GARCINIA, genus of trees, x. 60; XV. 481.
 GARCZYNSKI, Stephen, poet of the Ukraine, XIX. 305.
 GARD, department, France, x. 75.
 GARDA, Lake of, Italy, x. 75; XIII. 440.
 GARDAIA, town, North Africa, x. 76.
 GARDELEGEN, or Gardeleben, town, Prussia, x. 76.
 GARDEN CALENDAR, XII. 290.
 GARDEN CITY, Long Island, New York, U.S.A., XIV. 866.
 GARDENING, Science and practice of, XII. 211.
 GARDIE, Count de la, Swedish general and chancellor, XXII. 748.
 GARDINER, town, Maine, U.S.A., x. 76.
 —, Colonel James, Scottish soldier, x. 76.
 —, Stephen, bishop of Winchester, lord chancellor, x. 76; VIII. 333, 339.
 GARE-FOWL, or Great Auk, x. 78; III. 85, 734.
 GARESSIO, Garesso, or Garezzo, town, Italy, x. 80.
 GARFIELD, James Abram, president of United States, XXIII. 785, 788.
 GAR-FISH, x. 80.
 GAR-FOWL, or Gare-Fowl (*q.v.*), x. 78.
 GARGANEY, bird, x. 80.
 GARGANO, Monte, mountain, Italy, XIII. 439.
 GARGANTUA, Rabelais's work, IX. 652; XX. 194, 196.
 GARGARUS, Mount, Asia Minor, II. 706.
 GARGOYLE, in architecture, II. 465.
 GARGUNNOCK HILLS, Scotland, XXII. 553.
 GARHAKOTA, town, India, XXI. 146.
 GARHWAL, district, India, x. 80; XVII. 572.
 GARIBALDI, Giuseppe, Italian liberator, XIII. 487, 489; his defence of Rome, XX. 807; his expedition to Sicily and Naples, IX. 625.
 GARIN DE MONTGLANE, romance, XX. 651.
 GARIOCH, district of Scotland, I. 44.
 GARIOPONTUS, mediæval writer on medicine, XV. 806.
 GARLANDE, Mathilde de, founder of Port Royal abbey, XIX. 533.
 GARLIC, plant, x. 81; XII. 283.
 GARLIESTOWN, town, Scotland, XXIV. 562.
 GARMENTS, VI. 453.
 GARNERIN, Jacques, French aeronaut, I. 200.
 GARNET, precious stone, x. 81, 228; XVI. 411.
 GARNIER, Germain, French political economist, x. 82; XIX. 395.
 —, J. J., his method of working nickel, XVII. 487.
 —, Marie Joseph François, French officer and explorer, x. 82; IV. 624; XXIV. 441.
 —, Robert, French dramatist, VII. 423; IX. 652.
 GARNIERITE, mineral, XVII. 487.
 GARNISHEE, in law, III. 51.
 GAROFALO, Il (Benvenuto Tisio), Italian painter, XXIII. 409.

- GARONNE, river, France, x. 83; ix. 506; at Toulouse, xxiii. 484.
 —, Haute, department, France, x. 83.
 GAR-PIKE, fish, xii. 687.
 GARRETT, J. B. de Almeida, Portuguese poet, xix. 557.
 GARRICK, David, English actor, x. 83; his influence on English drama, vii. 437.
 GARRISON, William Lloyd, American abolitionist, x. 85; xvii. 433; xxii. 142; xxiii. 767.
 — ARTILLERY, ii. 664, 668.
 — LIBRARIES, of British army, ii. 586.
 GARROD, Alfred Henry, on birds, xviii. 39.
 GARRULUS, genus of birds, xiii. 610.
 GARSARITIS, region, Asia Minor, v. 75.
 GARTER, principal king at arms, xi. 687.
 —, Order of the, xiv. 122.
 GARTH, Sir Samuel, English poet, x. 87.
 GARUA, mists, Peru, xviii. 670.
 GARUDA, fabulous Indian bird, xx. 611.
 GARUMNA (Garonne), ancient river, France, x. 83.
 GARVIE, fish, xxii. 432; fisheries, ix. 262.
 GARVOGUE, river, Ireland, xxii. 159.
 GARVOLIN, town, Russian Poland, xxii. 37.
 GARZ, town, Rügen, Prussia, xxi. 57.
 GAS, or Coal Gas, for lighting, x. 87; Murdock's discovery of the application of, xvii. 53; as fuel, xxii. 182; fuel for iron smelting, xiii. 293; for lighthouses, xiv. 627; vitiation of air by the burning of, xxiv. 158; natural, in United States, xxiii. 813.
 GASALAND, Africa, Languages of, xxiv. 828.
 GAS-BURNERS, x. 97.
 GAS-CARBON, v. 399.
 GASCOIGNE, George, English poet, x. 103.
 —, Sir William, English chief justice, x. 103.
 —, William, inventor of the micro-meter, xvi. 242; xxiii. 136.
 GASCONY, province, France, x. 103.
 GAS-ENGINES, xxii. 523.
 GASES, defined, vi. 310; absorption of, in plants, xix. 45; in coal-mines, vi. 72; xvi. 459; density of, xii. 460; diffusion of, vii. 215; diffusion rate of, xi. 33; dilatation of, iii. 35; Gay-Lussac on dilatation of, x. 122; elasticity of, vii. 801; Regnault on expansibility of, xx. 347; expansion of, by heat, xi. 574; laws of, v. 468; xxii. 479; liquefaction of, viii. 732; magnetism of, xv. 263; molecular laws of, xvi. 611; molecular theory, iii. 38; physical properties of, xix. 240; poisonous, xix. 279; volcanic, x. 241; waste, from furnaces, xiii. 307.
 GASFITTING, iv. 510.
 GAS FURNACE, ix. 844.
 GAS HARMONICON, i. 115.
 GASKELL, Mrs, English novelist, x. 103.
 GAS-LIGHTING, x. 87; introduced by Accum, i. 92.
 GASOLINE, or Gasoline, paraffin and petroleum product, xviii. 242, 719.
 GASPARIN, Count Agenor de, French spiritualist, xxii. 407.
 GASPARINO, of Barziza, Italian Latin writer, xiv. 342.
 GAS-POISONING, xv. 781.
 GAS-PYROMETRY, xx. 129.
 GASSENDI, Pierre, French philosopher, x. 105; ix. 660; on evolution, viii. 758.
 GASSNER, Joseph, German magnetizer, xv. 277.
 GAST, Luc de, trouvère of English birth, xx. 644.
 GASTEIN, valley, Salzburg, Austria, x. 107; mineral springs of, xvi. 433; convention of (1865), x. 511.
 GASTEROMYCETES, suborder of Fungi, ix. 833.
 GASTROPODS, group of Mollusca, xxii. 187.
 GASTEROSTOMIDÆ, family of trematode worms, xxiii. 539.
 GAS-THERMOMETER, xx. 130.
 GASTON I.—IV., counts of Foix, ix. 354.
 —, Jean Baptiste, duke of Orleans, xvii. 852.
 GASTRIC CATARRH, disease, xxii. 574.
 GASTRIC FEVER, xxiii. 678; in the horse, xxiv. 203.
 GASTRIC JUICE, xvii. 673, 675.
 GASTROPODA, class of Mollusca, xvi. 641; in Lankester's classification, xxiv. 813.
 GASTROTEUS, genus of fishes, xxii. 548.
 GASTRULA, stage of animal embryo, ii. 51; viii. 747.
 GASTRUS EQUI, animal parasite, xxiv. 205.
 GASZYNSKI, C., Polish poet, xix. 304.
 GATAKER, Thomas, English divine, x. 107.
 GATCHINA, town, Russia, x. 108; xxi. 190.
 GATE-HOUSE, in architecture, ii. 465.
 GATEHOUSE, town, Scotland, xiv. 98.
 GATES, Horatio, American general, x. 108; xxiii. 744.
 GATESHEAD, town, England, x. 108.
 GATES OF LIGHT, Kabbalistic work, xiii. 813.
 GATH, town of the Philistines, x. 108; xviii. 755.
 GATHAS, Zoroastrian hymns, xxiv. 775, 777.
 GÂTINAIS, district, France, xiv. 809.
 GÂTINE, part of Deux-Sèvres, France, xxi. 710.
 GATLING GUN, xi. 285; xvii. 286.
 GATTY, Mrs Alfred (Aunt Judy), English tale-writer, x. 109.
 GAUCHOS, class of people, Argentine Republic, ii. 493.
 GAUDEN, John, bishop of Exeter, x. 109.
 GAUDICHAUD - BEAUPRÉ, Charles, French botanist, x. 109.
 GAUDUS (Gozo), island, Mediterranean, xv. 341.
 GAUERMANN, Friedrich, Austrian painter, x. 109.
 GAUGAIN, J. M., his electrical researches, viii. 37; his discharging electroscope, viii. 118.
 GAUGAMELA, Mesopotamia, Battle of (331 B.C.), i. 482; xv. 140; xviii. 582.
 GAUGE, for comparative measurement, x. 110.
 —, Pressure, xv. 494.
 —, Railway, xx. 241, 253.
 GAUGES, Battle of the, for English railways, iv. 397.
 GAUGING, of casks, xvi. 28.
 GAUHATI, town, Assam, India, x. 111.
 GAUL, ancient country from Rhine to Pyrenees, x. 111; Caesar's invasion of, iv. 636; under Rome, xx. 774, 776, 778, 781; coins of, xvii. 635; inhabitants, ix. 527; language, v. 297; libraries, xiv. 512.
 GAULONITIS, province, Bashan, iii. 410.
 GAULS, their attacks on Rome, xx. 740, 743; of Northern Italy, xiii. 446; under Brennus, iv. 257; in Asia Minor, x. 19.
 GAULUS (Gozo), island, Mediterranean Sea, xv. 341.
 GAUMATA, the False Smerdis, Persian usurper, xviii. 568.
 GAUNT, John of, duke of Lancaster, viii. 319, 327, 328; xiv. 255; his patronage of Wycliffe, xxiv. 709.
 GAUNTLET, armoured glove, x. 692.
 GAUR, mediæval town, Bengal, India, x. 112.
 GAUSS, Carl Friedrich, German mathematician, x. 116; on determinants, i. 516; his force function, v. 57; on the distribution of magnetism, xv. 228, 237, 249; on map projection, x. 207; on the theory of parallels, xviii. 255.
 GAUSSEN, F. S. R. Louis, Swiss theologian, x. 116.
 GAUSSIAN LOGARITHMS, xiv. 777; tables of, xxiii. 12.
 GAUTAMA, Siddhartha, the Buddha, iv. 426.
 GAUTIER, Théophile, French writer, x. 117; ix. 677.
 GAUZE, woven fabric, x. 118.
 GAVARNI (S. G. Chevalier), French caricaturist, x. 118; v. 105.
 GAVARNIE, district, France, xx. 125, 127.

- GAVE DE PAU, river, France, XVIII. 414; XX. 126.
- GAVELKIND, system of land tenure, England, x. 119; v. 800; XIX. 733; XX. 305, 307; in Ireland, XIII. 218.
- GAVESTON, Piers, earl of Cornwall, VII. 683; VIII. 313.
- GAVIÆ, group of birds, XVIII. 45.
- GAVAL, Indian crocodile, VI. 593.
- GAVRE, Prince of (Lamoral Egmont), VII. 699.
- GAVERILOVSK, town, Russia, XXIV. 271.
- GAWLER, town, South Australia, XXII. 284.
- GAY, Delphine (Madame É. de Girardin), French writer, x. 621.
- , John, English poet, x. 119; XVIII. 347.
- , Marie Françoise, French authoress, x. 120.
- GAYA, district and town, India, x. 120.
- HARBOUR, British North Borneo, XXI. 123.
- GAY-LUSSAC, Joseph Louis, French physicist and chemist, x. 121; his balloon experiments, I. 194; on fermentation, IX. 93; on the combinations of gases, v. 465; his experiments on prussic acid, XX. 22; his process of silver assaying, II. 727.
- GAYLUSSITE, mineral, XVI. 399; XXII. 240.
- GAYSIN, town, Russia, XIX. 254.
- GAZA, town of the Philistines, Palestine, x. 124; XVIII. 755; battle of (1244), XXIII. 161.
- , Theodorus, Greek scholar, x. 125.
- GAZELLE, antelope, II. 101.
- GAZETTE, London, official newspaper, x. 125; establishment of, XVII. 415.
- DE FRANCE, newspaper, XVII. 423.
- GAZUL, Clara, her alleged dramatic works (Mérimée's), XVI. 37.
- GCALEKALAND, district of Kaffraria, South Africa, XIII. 817.
- GDOFF, town, Russia, XXI. 190.
- GEAN TREE, wild cherry, v. 586.
- GEARKSUTITE, mineral, XVI. 384.
- GEBAL (Jebeil), ancient town, Syria, XIII. 613.
- BARKAL, Ethiopia, Pyramids of, XX. 124.
- GEER (Abu Musa Dschabir), early chemist, x. 125; his discoveries, I. 464.
- AL-BATANI (Al-Battani, *q.v.*), Arabian astronomer, II. 751.
- B. AFLAH, Arabian astronomer, XXIII. 562.
- GEBIR, Landon's poem, XIV. 278.
- GEBIROL, Ibn (Avicbron, *q.v.*), Jewish writer, III. 152; XIII. 814; XXI. 426.
- GEBWEILER, town, Alsace, Germany, x. 126.
- GECINUS, genus of birds, XXIV. 651.
- GECKOS, GECKOTIDÆ, family of lizards, x. 126; XIV. 734, 737.
- GED, William, printer, x. 127.
- GEDDES, Alexander, Scottish Biblical critic, x. 127.
- , Jenny, originator of uproar against Scottish liturgy, XXI. 512.
- GEDROSIA, Parthian satrapy, XVIII. 586.
- GEDYMIN, king of Lithuania, XIV. 702.
- GEEL, or Gheel, town, Belgium, x. 562.
- GEELONG, town, Victoria, Australia, x. 128.
- GEELVINK BAY, New Guinea, XVII. 386.
- GEESE, poultry, x. 777; XIX. 647.
- GEEST, district, Oldenburg, Germany, XVII. 757.
- GEESTEMÜNDE, town, Germany, x. 128.
- GEEZ, language of Abyssinia, I. 64; VIII. 612; XXI. 654.
- GEEZEH, Ghizeh, or Gizah, Egypt, Pyramids of, II. 385; VII. 771; XX. 123.
- GEFLE, town, Sweden, x. 128; XXII. 742.
- GEFLEBORG, county, Sweden, XXII. 741.
- GEGEN KHAN, Mongol ruler, XVI. 742.
- GEHENNA, in eschatology, VIII. 536.
- GEHLENITE, mineral, XVI. 412.
- GEIB, John, pianoforte maker, XIX. 74.
- GEIBEL, Emmanuel, German lyrist, x. 546.
- GEIGE, musical instrument, XXIV. 242.
- GEIGER, Abraham, Jewish scholar and theologian, x. 128.
- GEIJER, Erik Gustav, Swedish historian, x. 129; XXII. 757.
- GEIKIE, Walter, Scottish subject painter, x. 129.
- GEILER, or Geyler, Johann, of Kaisersberg, German preacher, x. 129.
- GEISERS (Geysers, *q.v.*), x. 556.
- GEISSHÄUSLER, Oswald, Swiss Reformer, XX. 331.
- GEISSLER, Heinrich, German physicist, x. 130; his mercurial air-pump, XVI. 30.
- TUBE, VIII. 64; XIX. 229.
- GEIST DER ZEIT, by Arndt, II. 622.
- GELA (Terranuova), ancient town, Sicily, x. 130; XXII. 16; coins of, XVII. 639.
- GELASIUS I., pope, x. 130; XIX. 492; as hymn-writer, XII. 582.
- II., pope, x. 130.
- GELATIN, x. 130; v. 579; use of, in photography, XVIII. 828.
- , Blasting, or Nitroglycerin, XVII. 520.
- GELATINIGERA, order of Protozoa, XIX. 859.
- GELBEISENERZ, mineral, XVI. 402.
- GELDERLAND, ancient duchy, Germany, XI. 243.
- GELDERN, or Guelders, town, Rhenish Prussia, XI. 244.
- GELÉE, Claude (Claude of Lorraine, *q.v.*), French painter, v. 814.
- GELELÉ, chief of Dahomey, VI. 766.
- GELIMER, Vandal king, XXIV. 59.
- GELL, Sir William, English scholar and antiquary, x. 134.
- GELLERT, Christian Fürchtegott, German writer, x. 134, 533; as hymn-writer, XII. 588.
- GELLIUS, Aulus, author of the *Noctes Atticæ*, x. 135; his diction and style, XIV. 338.
- GELON, tyrant of Syracuse, x. 135; XXII. 16, 814; coins of, XVII. 638.
- GELONUS, Grecian settlement, Russia, XXI. 575.
- GELSEMIUM, plant and drug, x. 135; XIII. 596.
- GEM, x. 136.
- GEMATRIA, in Mishnah and Kabbalah, XVII. 626.
- GEMBLOURS, Belgium, Battle of (1578), IX. 37; XIII. 718.
- GEMEINDE, Prussian administrative division, XX. 18.
- GEMEL RINGS, XX. 561.
- GEMEN, Godfrey de, on Gothland sea laws, XXI. 585.
- GEMETICUM (Jumièges), France, Abbey of, XIII. 772.
- GEMINIANI, Francesco, Italian violinist, x. 136.
- GEMISTUS, or Pletho, Georgius, Byzantine scholar, x. 136.
- GEMMÆ, of plants, XX. 423.
- GEMMA FRISIUS, on navigation, XVII. 251.
- GEMMATION, Reproduction by, in ascidians, XXIII. 617; in corals, VI. 373.
- GEMOT, assembly of the township, in early England, IV. 62.
- GEMS, Engraved, x. 136; engraving of, XIV. 298; in rings, XX. 560; Etruscan, VIII. 640; Greek, II. 353, 358, 363; Roman, II. 366.
- GEMSBOK, antelope, x. 141.
- GENAUNI, Rhaetian people, XX. 505.
- GENDARMERIE, French police, x. 142.
- GENEALOGY, x. 142.
- GENELLI, Giovanni Buonaventura, German artist, x. 145.
- GENERAL AVERAGE, XIII. 187; in maritime insurance, III. 145.
- GENERAL BOUNCE, Whyte Melville's novel, XV. 844.
- GENERATION, in biology, x. 146; III. 687; XX. 407; of molluscs, XVI. 637, 682; of mosses, XVII. 70; of tape-worms, XXIII. 52; Harvey's work on, XI. 505; Oken's theory of, XVII. 750.
- , Spontaneous, I. 49; Lamarck on, XIV. 232; Leeuwenhoek's refutation of, XIV. 411.
- GÈNES (Genoa, *q.v.*), town, Italy, x. 154.
- GENESEE, river, New York, U.S.A., XVII. 451; XX. 614; Portage bridge across, IV. 328.
- GENESIS, Book of, XVIII. 505; the idea of God in, XXIII. 236; Philo's commentary on, XVIII. 762.

GENESIS, Little, Jewish apocalyptic book, II. 176.

— OF MAN, II. 110.

GENESIUS, Byzantine historian, IV. 613.

GENESTET, Pieter Augustus de, Dutch writer, XII. 98.

GENET, or Genette, carnivorous mammal, X. 146; XV. 436.

GENEVA, canton, Switzerland, X. 146; XXII. 778, 794.

—, town, Switzerland, X. 147; XXII. 778; observatory, XVII. 713; university, XXIII. 851; Calvin's settlement at, IV. 717; his church organization at, XIX. 678; Voltaire's residence at, XXIV. 290.

—, town, New York, U.S.A., X. 152.

—, Lake of, Switzerland, X. 151; XIV. 217; XXII. 776.

— BIBLE, VIII. 387.

— CONVENTION, of 1864 and 1868, X. 152; I. 666; XIII. 195; of 1872, II. 313.

GENEVIÈVE, St, patroness of Paris, X. 152; church of, XVIII. 276.

— DE BRABANT, romance, XX. 659.

GENF (Geneva, *q.v.*), town, Switzerland, X. 147.

GENGA, Annibale della (Pope Leo. XII.), XIV. 452.

—, Bernardin, on surgical anatomy, I. 815.

—, Girolamo, Italian painter and architect, X. 152.

GENIUS, in Greek mythology, XV. 478.

— OF CHRISTIANITY, by Chateaubriand, V. 437.

GENLIS, Comtesse de, French authoress, X. 153.

GENNADIUS, Byzantine patriarch and scholar, X. 153.

GENNARGENTU, mountain, Sardinia, XXI. 307.

GENNARO, San (St Januarius), XIII. 568.

GENNESARET, Lake of, Palestine, X. 29.

GENOA, town, Italy, X. 154; Doria's deliverance of, VII. 366; its struggles with Pisa, XIX. 119; contests with Venice, XIII. 479; XXIV. 144; coins of, XVII. 657; doge of, VII. 332; libraries, XIV. 548; Voragine's chronicle of, XXIV. 297.

GENOVA, Luchetto da, Italian painter, X. 158.

GENOVEFA, St (St Geneviève), patroness of Paris, X. 152.

GENOVESI, Antonio, Italian philosopher and economist, X. 158; XIX. 362.

GENSERIC, or Gaiseric, king of the Vandals, X. 159; XX. 781; XXIV. 58; his defeat of Leo III., XIV. 452; opposed by Majorianus, XV. 311.

GENTIAN, plant, X. 159.

GENTILESCHI, Artemisia and Orazio de, Italian painters, X. 160.

GENTILI, Alberico, Italian jurist, X. 160.

GENTILLY, town, France, X. 161.

GENTIOPICRIN, bitter principle of gentian, X. 160.

GENTIUM, Jus, in Roman law, XX. 695.

GENTIUS, Illyrian king, XII. 710.

GENTLEMAN, use of the title, XVII. 524; XIX. 664; in chivalry, XIV. 117, 119.

GENTLEMAN'S MAGAZINE, XIII. 721; XVIII. 537; originated by Edward Cave, V. 271; under Nichols, XVII. 486.

GENTLE SHEPHERD, Allan Ramsay's poem, VII. 437; XVIII. 347; XX. 266.

GENTRY, social class, XVII. 524, 529.

GENTZ, Friedrich von, German writer and statesman, X. 161; on the balance of power in Europe, III. 268.

GENUATES, Ligurian tribe, IV. 640.

GENUCIAN LAW, Roman, XX. 681.

GENUS, in classification, XXII. 372; XXIV. 78.

GEOCICHLA, genus of birds, XXIII. 322.

GEOCRONITE, mineral, XVI. 395.

GEODEPHAGA, group of beetles, VI. 129.

GEODESIC LINES, in geometry, XXII. 671.

GEODESY, X. 163; VII. 597; XV. 522, 659; XXII. 696, 701; Legendre's papers and theorem, XIV. 414.

GEODETIC SURVEYS, XV. 522.

GEOFFREY, count of Anjou, the first Plantagenet, XIX. 175.

— MALATERRA, early chronicler, XVII. 547.

— OF MONMOUTH, English chronicler, X. 172; VIII. 407; XX. 643; his chronicle of Arthur, II. 651; his writings, V. 315.

GEOFFROY, Julien Louis, French journalist, XVII. 426.

— SAINT-HILAIRE, Étienne, French naturalist, X. 173; XVI. 839.

— SAINT-HILAIRE, Isidore, French zoologist, X. 174.

GEOGALE, genus of insectivorous mammals, XV. 404.

GEOGNOSY, X. 220.

GEOGRAPHICAL DISTRIBUTION, of animals, III. 684; VII. 267; of plants, VII. 286.

GEOGRAPHY, X. 175; ancient, XV. 516; of Mela, XV. 832; of Ptolemy, XX. 91; of Strabo, XXII. 581; relation of geodesy to, X. 163; relation of numismatics to, XVII. 629; D'Anville's contributions to, VI. 821; Marco Polo's, XIX. 408; Pytheas's, XX. 143; Rennell's, XX. 399; Ritter's, XX. 570; Varenus's, XXIV. 69; Edrisi's work on, VII. 670; geographical societies, XXII. 228.

GEOID, deformed surface, in surveying, XXII. 708.

GEOK-TEPE, town, Transcaspiian Region, Russia, XXIII. 512.

GEOLOGICAL DISTRIBUTION, of animals, VII. 281.

GEOLOGY, X. 212 (index, 375); relation of archaeology to, II. 333; of mining,

XVI. 440; of ocean formations, XVIII. 127; of petroleum, XVIII. 714; Buckland's researches in, IV. 420; De la Beche's contributions to, VII. 39; Deluc's, VII. 53; Lyell's, XV. 101; Macculloch's, XV. 134; Mantell's, XV. 503; Hugh Miller's, XVI. 319; Murchison's, XVII. 50; Phillips's, XVIII. 758; Saussure's, XXI. 324; William Smith's, XXII. 178; Werner's, XXIV. 502; geological societies, XXII. 225.

GEOMETRIC SERIES, XXI. 678.

GEOMETRY, X. 376; pure, X. 376; analytical, X. 408; application of the calculus to, XIII. 5; of curves, VI. 716; dimensions in, VII. 240; drawings and models for, XV. 628; application of functions in, IX. 818; its place in mathematics, XV. 629; as applied to measurement, XV. 659; theory of parallels in, XVIII. 254; as known to Ptolemy, XX. 88; use of, in surveying, XXII. 696; of Apollonius of Perga, II. 188; Euclid's, VIII. 655; Pythagorean, XX. 139; Boetius on, III. 857; Gerbert's contributions to, XXII. 76; Leonardo of Pisa's, XIX. 125; Pappus of Alexandria's, XVIII. 230; Plücker's, XIX. 228; Poncelot's, XIX. 452; Henry J. S. Smith's, XXII. 173; Steiner's, XXII. 531; Thales's, XXIII. 218; Theodorus's, XXIII. 260.

—, Descriptive, XIX. 800.

—, Elements of, by Legendre, XIV. 414.

GEOMYIDÆ, family of rodent mammals, XV. 419.

GEONOMA, genus of palms, XVIII. 189, 190.

GEORAMA GLOBES, X. 683.

GEORDIE LAMP, for mines, VI. 72.

GEORGE, St, patron saint of England, X. 429.

— (of Podiebrad), king of Bohemia, XIX. 253.

— I., king of Great Britain and Ireland, X. 420; VIII. 354.

— II., X. 421; VIII. 355.

— III., X. 423; VIII. 356; his dislike of Fox, IX. 497; his favour for Lord North, XVII. 554; parliament under, XVIII. 308; his support of Pitt, XIX. 140.

— IV., X. 427; VIII. 365.

— V., king of Hanover, XI. 448.

—, prince of Denmark, husband of Queen Anne, II. 62.

— of Amboise, archbishop of Rouen, IX. 554.

—, bishop of the Arab tribes, Syriac writer, XXII. 841.

— of Beelthan, Syriac writer, XXII. 842.

— of Cappadocia, Arian archbishop of Alexandria, X. 429.

— of Kaphra, Syriac writer, XXII. 843.

- GEORGE of Martyropolis, Syriac writer, xxii. 841.
- of Mosul and Arbel, Syriac writer, xxii. 849.
- of Pisidia, Byzantine writer, x. 429; xi. 145.
- of Trebizond, Aristotelian writer, x. 430.
- , J. F. L., on the Pentateuch, xviii. 505, 508.
- GEORGE, Kara, (Czerny George), liberator of Servia, vi. 755; xxi. 689.
- , Lake, New York, U.S.A., xvii. 451.
- DANDIN, Molière's play, xvi. 629.
- GEORGENAMA, Persian book, xviii. 657.
- GEORGE SAND (Madame Dudevant), French novelist, vii. 507.
- GEORGETOWN, town, Prince Edward Island, Canada, xix. 740.
- , town, British Guiana, x. 430.
- , town, Penang, Malay Peninsula, xix. 741.
- , town, District of Columbia, U.S.A., x. 430; observatory, xvii. 715.
- , town, South Carolina, U.S.A., xxii. 288.
- GEORGE WILLIAM, elector of Brandenburg, xx. 6.
- GEORGIA, country of Transcaucasia, Russia, x. 431; xxiii. 514; war with Persia (1783), xviii. 646.
- , State, U.S.A., x. 434; population, xxiii. 802; colony of, xxiii. 729.
- , Gulf of, North America, xviii. 116.
- GEORGIAN ISLANDS, Tahiti Archipelago, xxiii. 22.
- GEORGIAN LANGUAGE, or Karthli, x. 433; dictionaries of, vii. 190.
- GEORGIANS, race of people, Transcaucasia, v. 257; x. 433.
- GEORGICS, of Virgil, xxiv. 252.
- GEORGIEVSK, town, Russia, xxiii. 186.
- GEORGINA, district, Queensland, xx. 172.
- GEORGIUS of Pisidia, Greek writer, x. 429; xi. 145.
- GEORGSWALDE, town, Bohemia, x. 438.
- GEORTCHA, or Koritsa, town, Turkey, xiv. 141.
- GEOTROPISM, in vegetable physiology, xix. 59.
- GEPHYREA, order of Annelida, ii. 70.
- GEPIDÆ, ancient Germanic tribe, xiv. 813.
- GERA, town, Germany, x. 438; xx. 494.
- GERACE, town, Italy, x. 439.
- GERALDINES, noble family of Ireland, ix. 271.
- GERALDTON, town, Western Australia, xxiv. 507.
- GERANDO, Marie Joseph de, French philosopher, vii. 31.
- GERANIUM, plant, x. 439; xii. 251.
- GERARD (Pope Nicholas II.), xvii. 483.
- GERARD, founder of Knights Hospitalers, x. 439; xxi. 174.
- of Cremona, Italian writer, x. 439.
- , John, English herbalist and surgeon, x. 441; on the potato, xix. 594.
- OF ROUSSILLON, Provençal poem, xix. 875.
- GÉRARD, Étienne Maurice, Count, French general, x. 440.
- , François, Baron, French painter, x. 440.
- , Jean Ignace Isidore, French caricaturist, x. 440.
- DE NERVAL, French writer, x. 441.
- DE RIDERFORT, grand-master of Knights Templars, xxiii. 161.
- D'EUPHRATE, romance, xx. 653.
- GÉRARDMER, town, France, xxiv. 299.
- GERARDUS MAGNUS (Gerhard Groot), founder of Brethren of the Common Life, xi. 207; xvi. 711; xvii. 134.
- GERASA (Gerash), ancient town, Palestine, x. 441.
- GERBA, island, North Africa, x. 442.
- GERBE, in pyrotechny, xx. 136.
- GERBER, Ernst Ludwig, German musician, x. 442.
- GERBERON, Gabriel, Jansenist monk, x. 442.
- GERBERT (Pope Silvester II.), xxii. 74; archbishop of Rheims, ix. 536; as scholastic philosopher, xxi. 421; on numerals, xvii. 627.
- , Martin, German writer on music, x. 442.
- GERENIS TCHAI, river, Asia Minor, ii. 708.
- GEREZ, mountains, Portugal, xix. 536.
- GERHARD I.—III., dukes of Guelderland, xi. 243.
- , Friedrich Wilhelm Eduard, German archaeologist, x. 442.
- , Hubert, German sculptor, xxi. 566.
- , Johann, Lutheran theologian, x. 443.
- GERHARDT, Charles Frédéric, French chemist, x. 443; on atomic notation, v. 466.
- , Paul, German hymn-writer, x. 443, 530; xii. 587.
- GÉRICHAULT, Jean Louis, French painter, x. 444.
- GERIZIM, Mount, Palestine, x. 444; xxi. 244.
- GERLSDORFER SPITZE, Carpathian Mountains, v. 126.
- GERM, in biology, defined, viii. 746; its capability of development, iii. 42; xxiv. 815. See Germ Theory, below.
- , magazine of the Pre-Raphaelites, xx. 858.
- GERMAN CATHOLICS, x. 444.
- GERMAN DICTIONARY, Adelung's, i. 152.
- GERMAN DIET (Reichstag), vii. 199.
- GERMAN DRAMA, vii. 440.
- GERMAN EMPERORS, in Italy, xiii. 469.
- GERMAN FLUTE, xxiii. 519.
- GERMANIA, Tacitus's work, xxiii. 20.
- GERMANICOPOLIS, town, Paphlagonia, Asia Minor, xviii. 228.
- GERMANICUS, Cæsar, Roman general, x. 445; i. 419; triumphal arch of, at Saintes, xxi. 167.
- GERMAN LANGUAGE, x. 514; dictionaries of, vii. 187; Grimm's works on, xi. 200.
- GERMAN LITERATURE, x. 522.
- GERMAN MEASLES, disease, xv. 658.
- GERMAN OCEAN, xvii. 563.
- GERMAN REFORMED CHURCH, America, xix. 701.
- GERMAN SILVER, x. 446; xvii. 488.
- GERMANS, The, in Gaul, ix. 528.
- GERMANY, x. 447 (index, 546); Cæsar's invasion of, iv. 636; its extent under Charlemagne, v. 403; under the Ferdinands, ix. 77; war with France (1870), ix. 627; war of liberation (1809), xvii. 214; Metternich's policy towards, xvi. 200; relations with the papedom, 16th century, xx. 324; the Renaissance in, xx. 388; Stein's policy, xxii. 531; under William I., emperor, xxiv. 582; academies of science in, i. 71; Gothic architecture, ii. 431; army, ii. 593; arsenals, ii. 634; revival of art in, vi. 422; artillery service, ii. 658, 660, 665; banking, iii. 341; credit banks, vi. 214, 339; birds, xviii. 17; coalfields, vi. 56; coins, xvii. 658; diet, vii. 199; drama, vii. 440; Fehmgerichte, ix. 63; forests, ix. 400; history, x. 473; Jews in, xiii. 680; language, x. 514; xviii. 785; libraries, xiv. 513, 526, 546; literature, x. 522; mineral products, xvi. 468; national debt, xvii. 246; navy, xvii. 299; newspapers, xvii. 428; observatories, xvii. 712; opium cultivation, xvii. 792; oyster culture, xviii. 108; periodical literature, xviii. 540; police system, xix. 343; post office, xix. 583; Presbyterian Church, xix. 697; prison system, xix. 760; railways, xx. 251; Reichstag, vii. 199; technical schools, xxiii. 108; ancient tenure of land, xiv. 261, 263; university statistics, xxiii. 849; weights and measures, xxiv. 490; wine industry, xxiv. 610.
- , Tacitus's, xxiii. 20.
- GERM-CELL, in embryology, viii. 163.
- GERMERSHEIM, town, Rhenish Bavaria, x. 548.
- GERMINATION, of spores, in plants, xx. 429.
- GERM THEORY OF DISEASE, xxi. 400, 407; its importance in surgery, xxii. 678.
- GERO, margrave of Brandenburg, x. 483.
- GERONA, province, Spain, xxii. 298.

- GERONA, town, Spain, x. 548; cathedral at, II. 433.
 —, San, mountain, Spain, xvi. 797.
 GERONTIUS, Roman general, xv. 645.
 GEROUSIA, Spartan senate, xv. 95.
 GERRHA, ancient town, Arabia Felix, x. 548.
 GERRITZ, Dirk, Antarctic explorer, xix. 329.
 GERRUS, district, Persia, xviii. 627.
 GERRY, Elbridge, vice-president, United States, xxiii. 748.
 GERSDORFFITE, mineral, xvi. 391.
 GERSEN, John, abbot of Vercelli, xiv. 33.
 GERSON, John Charlier de, French ecclesiastic and scholar, x. 549; xiv. 32; on reform of church discipline, xx. 320; as mystic, xvii. 132; as nominalist philosopher, xxi. 431; as sermon-writer, ix. 648.
 GERSONIDES, Levi, Jewish philosopher and commentator, x. 550.
 GERSOPPA, Falls of, Shimoga, India, xxi. 803.
 GERSTÄCKER, Friedrich, German writer and traveller, x. 550.
 GERTRUDE OF WYOMING, Campbell's poem, iv. 756.
 GERUNDA (Gerona), ancient town, Spain, x. 548.
 GERUNDIO DE CAMPAZAS, Isla's history of, xiii. 387.
 GERUSALEMME LIBERATA, Tasso's poem, xiii. 510; xxiii. 76.
 GÉRUZEZ, Eugène, French critic, ix. 680.
 GERVAIS, Paul, French palæontologist and naturalist, x. 551; on birds, xviii. 31.
 GERVAISE of Canterbury, chronicler, x. 551.
 GERVASE, or Gervaise, of Tilbury, English Latin writer, x. 552.
 GERVINUS, Georg Gottfried, German historian, x. 552.
 GESENIUS, Friedrich Heinrich Wilhelm, German Orientalist, x. 553.
 GESI, Giovanni Battista, Italian musical composer, xvii. 93.
 GESITH, Anglo-Saxon officer of state, xviii. 302.
 GESNER, Johann Matthias, German scholar, x. 554; his co-operation with Ernesti, viii. 526.
 —, Konrad, Swiss naturalist, x. 554; xxiv. 804; on birds, xviii. 3; on morphology, xvi. 837.
 GESSLER, Austrian bailiff of Uri, xxiii. 155.
 GESSNER, Konrad (Gesner, *q.v.*), Swiss naturalist, x. 554.
 —, Salomon, Swiss painter and poet, x. 555; xviii. 348; xxii. 797.
 GESSO WORK, in wall decorations, xvii. 47.
 GESTA REGUM, William of Malmesbury's work, xv. 336.
 GESTA ROMANORUM, collection of Latin tales, x. 555.
 GESTATION, Animal, xx. 410; period of, in mammals, xiv. 858; of sheep, i. 394.
 GETA, Publius Septimus Antoninus, son of the emperor Severus, x. 555.
 GETÆ, or Goths, ancient people, vi. 758; x. 847.
 GETTYSBURG, Pennsylvania, U.S.A., Battle of (1863), iii. 444; xxiii. 778; mineral water of, xvi. 436.
 GEULINCX, Arnold, Flemish philosopher, x. 556; vii. 126.
 GEVELSBERG, town, Germany, xxiv. 517.
 GEX, town, France, x. 556.
 GEYLER, Johann, of Kaisersberg, German preacher, x. 129.
 GEYSERS, volcanic fountains, x. 556, 251; in Celebes, v. 289; in Yellowstone National Park, U.S.A., xxiv. 737.
 GEZER, ruined town, Palestine, x. 558.
 GEZO, chief of Dahomey, vi. 766.
 GFRÖRER, August Friedrich, German historian, x. 558.
 GHADAMES, oasis, Sahara, Africa, xvii. 695; xxiii. 574; town, x. 4.
 GHAGGAR, river, India, i. 656; xxii. 98.
 GHAKKARS, Indian race, xii. 791.
 GHALIB, Moorish general, xv. 500.
 —, Sheykh, Ottoman poet, xxiii. 656, 657.
 GHAMBASSO, F. D. L., his glass paintings, x. 670.
 GHARDAYA, town, North Africa, x. 76.
 GHARIPUR, island, India, viii. 126.
 GHARM, or Harm, town, Central Asia, xiv. 4.
 GHASI DAS, Hindu religious reformer, iii. 671.
 GHASSAN, or the Ghassanids, Kingdom of, Arabia, ii. 255; xvi. 545.
 GHATAL, town, India, xvi. 284.
 GHATS, or Ghauts, mountains, India, x. 559; xii. 733; xv. 184.
 GHAWAZEE, Egyptian dancing-girls, vii. 727.
 GHAZAL, Bahr al, affluent of the Nile, Africa, xvii. 506, 508.
 GHAZEL, or Ghazal, variety of Persian and Ottoman poetry, xi. 367; xviii. 656, 659; xxiii. 656.
 GHAZIABAD, town, Meerut, India, x. 559.
 GHAZIPUR, district and town, India, x. 559.
 GHAZNAVIDS, or Ghaznevids, dynasty of Ghazni, xxii. 101.
 GHAZNI, town, Afghanistan, x. 559.
 —, Mahmud of, x. 559; xv. 286.
 GHEDIZ TCHAI, river, Asia Minor, ii. 708.
 GHEE, Indian butter, x. 562; xvii. 744, 747.
 GHEEL, town, Belgium, x. 562.
 GHENEH, or Kine, town, Egypt, vii. 776.
 GHENT, town, Belgium, x. 562; pacification of (1576), xii. 76; library, xiv. 531; pictures in, xxi. 446; university, iii. 519; xxiii. 850.
 —, Jodocus, or Justus, of, Flemish painter, x. 565.
 GHERARDESCA, Ugolino della, Italian count, x. 565; xix. 120.
 GHERIAH, or Viziadrug, town and fortress, India, x. 566; xxiv. 267.
 GHEYNS, Matthias van den, bell-founder, iii. 538.
 GHIAGGIUOLO, plant, xviii. 52.
 Ghibellines, Italian party, xi. 244; xiii. 472, 475; in time of Dante, vi. 810; in Florence, ix. 333; in Rome, xx. 796; in Siena, xx. 40.
 Ghiberti, Lorenzo, Italian sculptor, x. 566; xxi. 568; his painted-glass designs, x. 669.
 GHKA, Gregory, voivode of Moldavia, xxi. 20.
 —, Searlatu, hospodar of Walachia, xxi. 18.
 GHILAN, or Gilan, province, Persia, x. 566; xviii. 627.
 GHILGIT, district, India, x. 596.
 GHILYAKS, race of people, Eastern Siberia, xv. 548.
 GHILZAIS, Afghan clan, i. 234.
 GHIORGHIA (Koritsa), town, Turkey, xiv. 141.
 GHIRLANDAJO, Domenico del, Italian painter, x. 567; xvi. 229.
 —, Ridolfo, Italian painter, x. 568.
 GHISLIERI, Michele (Pope Pius V.), xix. 153.
 GHIZEH, or Gizeh (*q.v.*), Egypt, vii. 770; pyramid of, ii. 385.
 GHIZHIGA BAY, Eastern Siberia, xv. 547.
 GHIZNI, or Ghazni, town, Afghanistan, x. 559.
 GHOBAR NUMERALS, xvii. 626.
 GHOGHA (Gogo), town, India, x. 738.
 GHOMDAN, town, Arabia, xxi. 253.
 GHORKHAS, or Goorkhas, Nepalese race, xii. 805; xvii. 341.
 GHOOSLA GHAT, landing place at Benares, India, ii. 397.
 GHOR, or Ghur, territory, Afghanistan, x. 569.
 GHORI, or Ghuri, Indian dynasty, x. 569; xv. 346.
 GHOST MICROMETER, xvi. 256.
 GHOSTS, ii. 205; xv. 199; in demonology, vii. 61.
 GHRENNAH, district, North Africa, vi. 751.
 GHULAB SINGH, ruler of Kashmir, xiv. 13.
 GHUR, territory, Afghanistan, x. 569.
 GHUTUL (Ghatal), town, India, xvi. 284.
 GHUZNEE, or Ghazni, town, Afghanistan, x. 559.

- GHUZZ, Turkish tribe, XXI. 634; XXIII. 660.
- GIACOMINO of Verona, early Italian poet, XIII. 499.
- GIAFAR, or Jaafar, vizier to Haroun al-Rashid, III. 377.
- GIALLO ANTICO, yellow marble, XV. 529.
- GIA LONG, Annamese king, XXIII. 440.
- GIAMA-NU-CHU, river, Tibet, XXIII. 339, 341.
- GIAMBELLI, Federigo, Italian military engineer, X. 570.
- GIANETTO DA PALESTINA (Palestrina), Italian composer, XVIII. 178; XVII. 84.
- GIANIBELLI, Federigo (Giambelli), Italian military engineer, X. 570.
- GIANNI, Lapo, Italian writer, XIII. 502.
- GIANNONE, Pietro, Italian historian, X. 570; XXIV. 212.
- GIANNUZZI, Giulio (Pippi), Italian painter, XIX. 112.
- GIANT, X. 571; XVI. 762.
- GIANT-CELLS, in repair of animal tissue, XVIII. 366.
- GIANTS AND DWARFS, Stories of, VII. 567.
- GIANT'S CAUSEWAY, Ireland, X. 572.
- GIANTS' STAIRCASE, Venice, XXIV. 153.
- GIARRE, town, Sicily, X. 572.
- GIAVENO, town, Italy, X. 572.
- GIB, Adam, Scottish divine, X. 572; XXIII. 728.
- GIBBON, ape, II. 150.
- , Edward, English historian, X. 572; on the progress of Christianity, V. 696; his place in English literature, VII. 431.
- GIBBONS, Grinling, English wood-carver and decorator, X. 582; V. 169; XXI. 560.
- , Orlando, English musical composer, X. 582; XVII. 85.
- GIBBS, James, architect, II. 444.
- , James A. E., improver of sewing machine, XXI. 719.
- GIBBSITE, mineral, XVI. 388.
- GIBEON, town, Palestine, X. 583.
- GIBRALTAR, town and fortress, Spain, X. 583; origin of the name, XVI. 573; acquisition of, by Great Britain (1704), IX. 582; XXII. 336; French attack on (1779), IX. 594.
- , Straits of, Currents in, III. 20; XV. 820.
- GIBSON, Edmund, bishop of London, X. 586.
- , John, bookbinder to James I., IV. 42.
- , John, English sculptor, X. 586; XXI. 561.
- , Richard, English dwarf, VII. 568.
- GICHEL, Johann Georg, German mystic, X. 588; editor of Boehme's works, III. 854; XVII. 135.
- GIDDINESS, Epileptic, disease, VIII. 480.
- GIDEON, of Scripture, X. 588; XIII. 401.
- GIDI, plateau, Sahara, Africa, XXI. 149.
- GIEBEL, C. G., on ornithology, XVIII. 14, 21.
- GIEN, town, France, X. 589.
- GIERACI, or Gerace, town, Italy, X. 439.
- GIESECKITE, mineral, XVI. 418, 425.
- GIESELER, Johann Karl Ludwig, German church historian, X. 589; his History, V. 765.
- GIESHÜBEL, spa, Bohemia, XVI. 436.
- GIESING, suburb of Munich, Bavaria, XVII. 24.
- GIESSEN, town, Germany, X. 589; academy of sciences at, I. 72; university, XXIII. 845.
- GIFFORD, George, writer on witchcraft, XXIV. 621.
- , William, English writer, X. 590.
- GIFFORDGATE, Haddington, Scotland, birthplace of John Knox, XI. 363; XIV. 130.
- GIFT, in law, X. 590.
- GIG, boat, XXI. 31, 825.
- GIGANTOMACHIA, on altar at Pergamum, XV. 143.
- GIGIA (Gijon), ancient town, Spain, X. 590.
- GIGLI, Girolamo, Sienese scholar and philologist, XXII. 43.
- GIGLIO, island, Italy, XIII. 440.
- GIHON, river, Central Asia, XVIII. 101.
- , Well of, Jerusalem, XIII. 639.
- GIJON, town, Spain, X. 590.
- GILAN, or Ghilan, province, Persia, X. 566; XVIII. 627.
- GILBART, John William, English writer on banking, X. 591.
- GILBERT, St. of Sempringham, English monk, X. 593.
- (Gilbertus Anglicus), English writer on medicine, XV. 807.
- , François Hilaire, French veterinary surgeon, XXIV. 198.
- , Sir Humphrey, English navigator, X. 591; governor of Newfoundland, XVII. 385.
- , Nicolas Joseph Laurent, French poet, X. 591; IX. 665.
- , William, English scientist, X. 592; on electricity, VIII. 3; on magnetism, XV. 221.
- DE LA PORRÉE, French philosopher, X. 592; XXI. 423.
- GILBERTINES, order of monks, XIV. 656.
- GILBERT ISLANDS, Pacific Ocean, XVI. 256; XVIII. 128; XIX. 426.
- GILBERTITE, mineral, XVI. 413.
- GILBERT'S ACT, English poor law, XIX. 467.
- GILBERT'S PEAK, Uintah Range, U.S.A., XXIII. 796; XXIV. 19.
- GIL BLAS, Le Sage's romance, XIV. 472.
- GILBOA, Palestine, Battle of, XIII. 404.
- GILCHRIST, Harold, Norwegian chief, XVII. 588.
- GILCHRIST, John, Hindi and Urdu scholar, XI. 849.
- GILD, or Guild (*q.v.*), XI. 259; VI. 39.
- GILDAS, early British historian, X. 593; V. 315; XX. 643.
- , missionary to Ireland, XIII. 249.
- GILDEBERT, bishop of Tours, XI. 814.
- GILDING, X. 593; V. 169; for house decoration, IV. 508; electro, VIII. 116.
- GILEAD, of Scripture, X. 594; XVI. 534; XVIII. 176.
- GILES, St, X. 595.
- GILFILLAN, George, Scottish man of letters, X. 595.
- GILGAL, of Scripture, X. 596.
- GILGIT, district, India, X. 596.
- GILL, Alexander, Milton's schoolmaster, XVI. 324.
- , David, his micrometer, XVI. 246.
- , John, English Rabbinical scholar, X. 599.
- , Lough, Ireland, XXII. 159.
- GILLAROO, fish, XXI. 223.
- GILLESPIE, George, Scottish divine, X. 599.
- , Thomas, founder of Scottish Relief Church, X. 599; XIX. 685; XXIII. 728.
- GILLIES, John, Scottish historian, X. 599.
- GILLIS'S LAND, island, Spitzbergen, XXII. 408.
- GILLMAN, James, friend of Coleridge, VI. 136.
- GILLOLO, or Jilolo, island, Indian Archipelago, XIII. 692.
- GILLRAY, James, English caricaturist, X. 600; V. 104.
- GILLS, of fishes, XII. 636, 656; XX. 475.
- GILLY, William Stephen, writer on the Waldensian Church, XXIV. 325.
- GILLYFLOWER, plant, X. 601; XIX. 107.
- GILOLO, or Jilolo, island, Indian Archipelago, XIII. 692.
- GILPIN, Bernard, English clergyman, X. 601.
- , William, English writer, X. 602.
- GILYAKS, race of people, Saghalin, Asia, XXI. 147.
- GIMIRRÆ, the Cimmerians, XV. 100.
- GIMLET, boring tool, XI. 438.
- GIMMEL RINGS, XX. 561.
- GIMSÖ, island, Norway, XIV. 769.
- GIN, spirituous liquor, X. 602.
- GINCKELL, Godart van, earl of Athlone, X. 602.
- GINDARUS, Syria, Battle of (38 B.C.), XVIII. 597.
- GINDELY, Antonine, Bohemian historian, XXII. 153.
- GINESTRA, La, Leopardi's lyric, XIV. 465.
- GINGELLY OIL, XVII. 746; XXI. 693.
- GINGER, plant and spice, X. 603.
- GINGHAM, textile fabric, X. 604.
- GINGKO NUT, XVII. 664.
- GINGST, town, Rügen, Prussia, XXI. 57.

- GINGUENÉ, Pierre Louis, French writer, x. 604.
 GINSENG, plant and drug, x. 605.
 GIOBERTI, Vincenzo, Italian philosophical writer, x. 605; XIII. 487, 489, 516.
 GIOCONDA, La, Leonardo's painting, XIV. 460.
 GIOCONDO, Fra, Veronese architect, XXIV. 172.
 GIOJA, Melchior, Italian philosophical writer, x. 606; XIX. 387.
 GIORDANI, Pietro, Italian writer, XIII. 515.
 GIORDANO, Luca, Italian painter, x. 606.
 GIORGIO of Gubbio, Italian majolica worker, XIX. 626.
 GIORGIONE, Italian painter, x. 607; his relations with Titian, XXIII. 414.
 GIOTTINO, Italian painter, x. 608.
 GIOTTO, Italian painter, x. 609; IX. 771; XXI. 434; his glass paintings, x. 669.
 GIOVAN GASTONE, grand-duke of Tuscany, XV. 793.
 GIOVANNI DA BOLOGNA, Italian sculptor, XXI. 569.
 GIOVANNI DA GAETA (Pope Gelasius II.), x. 130.
 GIOVINAZZO, town, Italy, x. 611.
 GIOVIO, Paolo, Italian historian, XIII. 756.
 GIPSIES, x. 611; in India, III. 460; of Pennsylvania, XXIII. 522; dictionaries of their language, VII. 189.
 GIPSY HILL, Norwood, London, XVII. 596.
 GIRAFFE, ungulate mammal, x. 618; XV. 432.
 GIRALDA, bell-tower, Seville, Spain, XXI. 709.
 GIRALDES, Affonso, Portuguese poet, XIX. 556.
 GIRALDI, Giglio Gregorio, Italian scholar, x. 620.
 —, Giovanni Battista, Italian novelist, x. 620.
 GIRALDUS CAMBRENSIS, historian and ecclesiastic, III. 392.
 GIRANDOLE, in pyrotechny, XX. 136.
 GIRARD, Albert, Dutch mathematician, XXIII. 562; on imaginary quantities in algebra, I. 514; on porisms, XIX. 520.
 —, Philippe Henri de, French mechanician, x. 620; inventor of flax-spinning apparatus, XIV. 664.
 —, Stephen, American philanthropist, x. 621.
 — COLLEGE, Philadelphia, U.S.A., x. 621; XVIII. 740.
 GIRARDIN, Madame Émile de, French authoress, x. 621.
 —, Saint-Marc, French politician and critic, x. 621.
 GIRARDON, François, French sculptor, x. 622.
 GIRARDOW, town, Russian Poland, x. 620.
 GIRART DE ROUSSILLON, Provençal poem, XIX. 875.
 GIRASOL, mineral, XVI. 390.
 GIRDERS, in bridges, IV. 297.
 GIRDLE, article of dress, x. 622.
 GIRGEH, town, Upper Egypt, x. 623; VII. 775.
 GIRGENTI, town, Sicily, x. 623; XXII. 31.
 GIRIN, or Kirin, town, Manchuria, XIV. 96.
 GIRISHK, fort, Afghanistan, I. 230.
 GIRLING, Mary Ann, leader of English Shakers, XXI. 737.
 GIRODET DE ROUSSY, Anne Louis, French painter, x. 623.
 GIRON, Francisco Hernandez, Peruvian rebel, XVIII. 677.
 —, Pedro Tellez, duke of Osuna, XX. 178.
 GIRONDE, department, France, x. 624.
 GIRONDIST, French Revolutionary party, IX. 602, 605; XX. 602, 624, 625; their contest with Marat, XV. 527; Vergniaud's connexion with, XXIV. 165.
 GIRVAN, town, Scotland, x. 624.
 GISCALA, John of, Jewish party leader, XIII. 427.
 GISMONDINE, mineral, XVI. 423.
 GISORS, town, France, x. 624.
 GITAGOVINDA, Brahman drama, XXI. 285.
 GITSCHIN, town, Bohemia, x. 624.
 GIUNTA, family of Italian printers, XV. 514.
 — PISANO, Italian painter, x. 624; his method of fresco-painting, IX. 770.
 GIURGEVO, town, Roumania, x. 624.
 GIUSTENDIL, or Kostendil, town, Bulgaria, XIV. 143.
 GIUSTI, Giuseppe, Italian satirist, x. 625; XIII. 516.
 GIUSTINIANI, prominent Italian family, x. 625; XXIV. 635.
 —, Agostino, x. 626; on Henry VIII.'s character, XI. 663.
 GIUSTO DA GUANTO (Justus of Ghent), Flemish painter, x. 565.
 GIVET, town, France, x. 626.
 GIVORS, town, France, x. 626; XX. 529.
 GIZEH, town, Egypt, VII. 770; mummies of, XVII. 21; pyramids at, v. 582; VII. 770; XX. 123.
 GJENDE, lake, Norway, XVII. 576.
 GLACIAL ACTION, Agassiz's researches on, I. 276.
 GLACIAL PERIOD, in geology, II. 335; x. 365.
 GLACIARIUM, artificial ice for skating, XXII. 105.
 GLACIER, GLACIERS, mountain ice, x. 626; geological action of, x. 281; of the Alps, I. 632; of the Caucasus, v. 257; of the Himalayas, XI. 831; of Norway, XVII. 578; of Spitzbergen, XXII. 408; J. D. Forbes's observations on, IX. 391.
 GLACIS, in fortification, IX. 429, 445.
 GLADBACH, or Bergisch-Gladbach, town, Prussia, x. 631.
 —, or Mönchen-Gladbach, town, Prussia, x. 631.
 GLADDON, plant, IX. 279.
 GLADIATORS, of the Roman arena, x. 631, 66.
 GLADIOLUS, garden plant, x. 632; XII. 255.
 GLADSTONE, William Ewart, British statesman, VIII. 367.
 GLAGERITE, mineral, XVI. 424.
 GLAISHER, J., his balloon ascents, I. 195.
 GLAMORGAN, county, Wales, x. 633; population and representation, XXIII. 727.
 GLANCE, arsenical nickel, XVII. 487.
 —, Silver, XXII. 69.
 — COAL, or Anthracite (*q.v.*), XVI. 429.
 GLANDERS, disease, x. 634; XVIII. 406; XXIV. 202.
 GLANDS, of mammals, xv. 348; influence of nervous action on, XIX. 30; secreting, in man, I. 848; XVII. 671; tumours of the, XVIII. 379; of reptiles, XX. 459; of plants, IV. 91.
 GLANIS, fish, XXII. 67.
 GLANVIL, or Glanvill, Ranulph de, early English jurist, x. 635.
 GLANVILL, Joseph, English philosophical writer, x. 635; on scepticism, XXI. 382.
 GLANVILLA, Bartholomew de, his *De Proprietatibus Rerum*, VIII. 193.
 GLAREOLA, genus of birds, XIX. 659.
 GLARUS, or Glaris, canton, Switzerland, x. 636; XXII. 778, 783; town, x. 636; XXII. 778.
 GLAS, John, founder of Glassite sect, x. 637.
 GLASER, Christopher, Swiss chemist, x. 637.
 GLÄSERBERG, mountain, Germany, XXI. 349.
 GLASERITE, mineral, x. 637; XVI. 400.
 GLASGOW, town, Scotland, x. 638; population, XXI. 528; origin of the name, XIV. 41; cathedral crypt, VI. 668; libraries, XIV. 523, 543; newspapers, XVII. 423; observatory, XVII. 710; railways, XX. 240; university, XXIII. 843, 854; waterworks, II. 224.
 GLASS, history and manufacture, x. 647; absorption of light by, XIV. 601, 607; colours of ancient, XXIV. 427; cutting of, with diamond, VII. 167; manufacture of, in Bohemia, III. 120; mirrors, IX. 849; XVI. 500; painting on, x. 667; used by Romans, II. 421.
 GLASSES, Eye, XXII. 372.

- GLASSITES, Scottish religious denomination, x. 637.
- GLASSIUS, Solomon, German Biblical critic, x. 674.
- GLASSOPHAGÆ, group of bats, xv. 414; xxiv. 52.
- GLASS-SNAKE, lizard, xiv. 735.
- GLASS TEARS, philosophical toy, ii. 63.
- GLASS-WORKS, Venetian, xvii. 48; xxiv. 156.
- GLASTONBURY, town and abbey, England, x. 674; xxii. 258; legend of, v. 325.
- GLATZ, town, Prussia, x. 675.
- GLAUBER, Johann Rudolph, German chemist and alchemist, x. 675; v. 460.
- GLAUBERITE, mineral, xvi. 400.
- GLAUBER'S SALT, mineral and drug, x. 675; v. 505; xvi. 401.
- GLAUCE, of Greek legend, xv. 777.
- GLAUCHAU, town, Saxony, x. 676.
- GLAUCIAS, of Tarentum, Alexandrian physician, xv. 801.
- GLAUCODOTE, mineral, xvi. 390.
- GLAUCOMA, eye disease, xvii. 783.
- GLAUCONITE, mineral, xvi. 415.
- GLAUCOPHANE, mineral, xvi. 418.
- GLAUCOPIS, epithet of Athene, ii. 831.
- GLAUCUS, in Greek mythology, x. 676.
- , reputed discoverer of iron-welding, ii. 348.
- SINUS, gulf, Asia Minor, xv. 93.
- GLAZE, viii. 182; in pottery, xix. 601.
- GLAZIER'S DIAMOND, vii. 167.
- GLAZIER WORK, iv. 509.
- GLAZING, in painting, xviii. 138.
- GLAZOFF, town, Russia, xxiv. 303.
- GLEBE, in ecclesiastical law, x. 676.
- GLEDE, bird, xiv. 103.
- GLEE, in music, x. 677.
- GREEK, card game, xix. 282.
- GLEEMAN, ancient minstrel, xvi. 479.
- GLEIG, George, bishop of Brechin, x. 677; editor of *Encyclopædia Britannica*, 3d edition, viii. 200.
- GLEIM, Johann Wilhelm Ludwig, German poet, x. 677, 534.
- GLEIWITZ, town, Prussia, x. 677.
- GLEN, valley, xxi. 524.
- GLENCOE, valley, Scotland, ii. 499; massacre of (1692), xxi. 518; xxii. 445; William III's connexion with the massacre, xxiv. 580.
- GLENDALOUGH, valley, Wicklow, Ireland, xxiv. 557, 558.
- GLENDOWER, Owen, Welsh prince, x. 678; xi. 660; revolt of, viii. 320.
- GLENELG, river, Australia, iii. 107; xxiv. 216.
- GLENLUCE, town, Scotland, xxiv. 563.
- GLEN OF THE DOWNS, Wicklow, Ireland, xxiv. 557.
- GLEYPE, Marc Charles Gabriel, French painter, x. 678.
- GLINKA, Fedor Nikolaevich, Russian poet, x. 679.
- GLINKA, Michael Ivanovich, Russian composer, x. 679.
- , Sergy Nikolaevich, Russian writer, x. 680.
- GLISSON, François, French anatomist, i. 811; xvi. 822.
- GLOBE, shape of the earth, ii. 766.
- , Geographical, x. 680; xv. 516.
- GLOBE-FISH, x. 685; xii. 694.
- GLOBE THEATRE, London, in time of Shakespeare, xxi. 761.
- GLOBICEPHALUS, genus of cetacean mammals, xv. 399.
- GLOBIGERINA, genus of Foraminifera, ix. 378.
- OOZE, in Norwegian Sea, xvii. 593; in Pacific Ocean, xviii. 123.
- GLOBIGERINIDEA, order of Protozoa, xix. 847.
- GLOCHIDIUM, phase of development of molluscs, xvi. 693.
- GLÖCKNER, mountain, Eisenach, Germany, xxi. 349.
- GLOCKNER, Gross, mountain, Carinthia, Austria, i. 629.
- GLOGAU, town, Prussia, x. 685; xxii. 53.
- GLOGER, C. W. L., on birds, xviii. 23.
- GLOMMEN, river, Norway, xvii. 575.
- GLONIN, or Nitroglycerin, xvii. 520.
- GLORIA IN EXCELSIS, doxology, vii. 384.
- GLORIA PATRI, doxology, vii. 384.
- GLORY, or Corona, optical phenomenon, xxiv. 435. See also xiv. 597.
- GLOSS, x. 686; on the canon law, v. 20.
- , Biblical, x. 687; xi. 746.
- GLOSSA ORDINARIA, Walafrid's work, xxiv. 320; x. 687.
- GLOSSARY, GLOSSATOR, x. 686.
- GLOSSIC SPELLING, xviii. 812.
- GLOSSINA, genus of insects, xxiii. 601.
- GLOSSOGRAPHER, x. 686.
- GLOSSOLOGY, science of language, xviii. 765.
- GLOSSOP, town, England, x. 687.
- GLOSSOPHAGA, genus of bats, xv. 414.
- GLOSSOPHORA, branch of Mollusca, xvi. 641.
- GLOSTER, town, Sierra Leone, West Africa, xxii. 45.
- GLOTTIS, in relation to the voice, xxiv. 273; spasm of the, vi. 617.
- GLOUCESTER, county, England, x. 687; population and representation, xxiii. 727.
- , town, England, x. 690; effigy of Robert of Normandy in cathedral, xxi. 558; friary at, i. 21.
- , town, Massachusetts, U.S.A., x. 691.
- , Robert of, English chronicler, xx. 596.
- , Duke of (Thomas of Woodstock), xiv. 256.
- GLOVE, x. 692; xiv. 389.
- GLOVER, Richard, English writer, x. 693.
- GLOW-WORM, beetle, vi. 132; xviii. 814.
- GLOXINIA, stove plant, xii. 266.
- GLUCHOW, or Glukhoff, town, Russia, x. 695; xxiii. 96.
- GLUCINUM, chemical element, x. 693; v. 526.
- GLUCK, Christopher Willibald, German musical composer, x. 693; xvii. 94; xix. 79; contrasted with Mozart, xvii. 10.
- GLÜCKSTADT, town, Prussia, x. 695.
- GLUCOSE, in chemistry, x. 695; v. 564, 572; vii. 146, 147; ix. 93; x. 41; xix. 54; xxii. 623.
- GLUCOSIDES, substances containing glucose, ix. 96; v. 572.
- GLUE, form of gelatin, x. 133; use of, in joinery, iv. 489.
- GLUKHOFF, town, Russia, x. 695; xxiii. 96.
- GLUTEN, or Glutin, albuminous substance, x. 130, 695.
- GLUTTON, carnivorous mammal, x. 696; xv. 440.
- GLYCAS, Michael, Byzantine historian, x. 697.
- GLYCERIN, or Glycerine, in chemistry, x. 697; v. 564; xvii. 740; xxii. 202.
- GLYCOGEN, starch in nutrition, xvii. 680.
- GLYCOLS, in chemistry, v. 564; Wurtz's discovery of, xxiv. 703.
- GLYCYRRHIZA, genus of plants, xiv. 687.
- GLYNDWR, Owen (Glendower, *q.v.*), Welsh prince, x. 678.
- GLYOXYLIN, form of dynamite, xvii. 521.
- GLYPTODON, fossil armadillo, ii. 545; xv. 388.
- GLYPTOTHEK, art gallery at Munich, Bavaria, xvii. 25.
- GMELIN, Johann F., on birds, xviii. 7.
- , Johann Georg, German naturalist, x. 699.
- , Leopold, German chemist, x. 699.
- , Samuel Gottlieb, German naturalist, x. 700; as traveller in Persia, xx. 286.
- GMELINITE, mineral, xvi. 421.
- GMELIN'S BLUE, xx. 24.
- GMINA, Polish commune, xix. 311.
- GMÜND, town, Germany, x. 700; population, xxiv. 701.
- GMÜNDER SEE, lake, Switzerland, xiv. 218.
- GNAT, insect, x. 700; xiii. 150; xvi. 866.
- GNATHOBDELLIDÆ, family of leeches, xiv. 404.
- GNEDICH, N. I., Russian poet, xxi. 107.
- GNEISENAU, August W.A., Count von, Prussian general, xvii. 220.
- GNEISS, rock, x. 236.

GNESEN, town, Prussia, X. 700.

GNOMON, various meanings of the term, XX. 140; of dial, VII. 153; Pytheas's use of, X. 176.

GNOMONICS, or dialling, VII. 153.

GNOSSUS, or Cnossus, town, Crete, VI. 44.

GNOSTIC ANTINOMIANS, II. 129.

GNOSTICISM, X. 700; XI. 736; XXIII. 278; its influence on Neoplatonism, XVII. 335; in relation to Christianity, V. 694; to Epistle to the Ephesians, VIII. 464; to Manichæism, XV. 484; to Marcionitism, XV. 535; St Paul's relations to, XVIII. 423; of Carpocrates, V. 133; Mandæan, XV. 468; of Origen, XVII. 841; Baur on, III. 448; Irenæus on, XIII. 273, 274; Clemens Alexandrinus on Christian Gnosticism, V. 819.

GNU, antelope, X. 705; II. 101; XV. 432.

GOA, Portuguese settlement, India, X. 706; XII. 797.

GOAGNAZES, Brazilian tribe, IV. 228.

GOAJIRA, territory, Venezuela, XXIV. 140.

GOALPARA, district and town, Assam, India, X. 707.

GOA POWDER, drug, X. 707.

GOAT, ungulate mammal, X. 708; XV. 432; breeding and rearing of, I. 399; Angora, II. 45, 710; wild, of India, XII. 742; hair of, XVI. 544; milk of, XVI. 303; skins of, for tanning, XIV. 380, 388.

— ISLAND, Niagara, America, XVII. 472.

GOATSUCKER, bird, X. 711.

GOBANNIUM (Abergavenny), Roman station, England, XVI. 754.

GOBELIN, French family of dyers, X. 712; their carpets, V. 128; their tapestry, V. 128; XXIII. 212.

GOBELINS, stream, Paris, XVIII. 274.

GOBELINUS, copyist of Pius II.'s Commentaries, XIX. 153.

GOBI, desert, Central Asia, X. 712; II. 687; XXIII. 632.

GOBIO, genus of fishes, XI. 243; XVI. 320.

GOBY, fish, X. 714; XII. 690.

GOCH, Johann von, German Reformer, XX. 325.

GOD, Doctrine of (Theism), XXIII. 262; idea of, XVIII. 686; XXIII. 235, 245, 248; the name Jehovah, XIII. 619; Jehovah the God of Israel, XIII. 409; the kingdom of, V. 692; man's knowledge of, II. 190; in relation to the Logos, XIV. 804; Anselm on the existence of, II. 92; in Arabian philosophy, II. 266; Aristotle's ideas of, II. 522; Baader on our knowledge of, III. 174; Celsus on, V. 296; Samuel Clarke on the existence of, V. 812; Comte's views, VI. 237; Descartes on

the idea of, V. 144; VII. 123; Eckart's theory, VII. 642; Erigena's theory, VIII. 523; Eusebius's views, VIII. 722; Fichte's theory, IX. 138; in Kabbalistic theosophy, XIII. 811; Leibnitz on the being of, XIV. 422; Locke on the existence of, XIV. 761; Malebranche on the idea of, V. 148; Manichæan theory, XV. 483; Neoplatonic idea, XVII. 335; Philo's theory, XVIII. 761; Schleiermacher's theory, XXI. 411, 413; Spinoza on the idea of, V. 153; Taoist teaching, XIV. 297; theosophic knowledge of, XXIII. 278; Vico's idea, XXIV. 212; Xenophanes's theory, XXIV. 719.

GODALMING, town, England, X. 714; XXII. 694.

GODARD, Eugène, his fire-balloon, I. 192.

GODAVARI, or Godavery, district, India, X. 714; river, X. 714; XV. 184.

GODEFROY, or Gothofred, French family (Denis, Jacques, and Theodore), X. 846.

GODFATHER, sponsor, XXII. 429.

GODFREY of Bouillon, crusader, VI. 624; IX. 538.

—, Sir Edmondbury, his murder, XVII. 697.

—, Thomas, inventor of a sextant, XXI. 725.

GODHAVN, town, Disco Island, Greenland, XI. 171.

GODHEAD, The, heresies concerning it, XI. 736.

GODIVA, Lady, of Coventry, VI. 530.

GODMOTHER, sponsor, XXII. 429.

GODOLPHIN, Earl of, English statesman, X. 715; his relations with Harley, XVIII. 100.

— BARB, progenitor of race-horses, XII. 183, 185.

GODOY, Manuel de, duke of Alcudia, Spanish minister, I. 471; IX. 83; XVII. 213; XIX. 550; XXII. 342.

GODS, of mythology, XVII. 136, 139, 146.

GODTHAAB, district, Greenland, XI. 170.

GOD-TREE, of the Himalayas, V. 286.

GODUNOFF, Boris, czar of Russia, XXI. 93.

GODWIN, or Godwine (*q.v.*), earl, X. 719.

—, Francis, English writer, X. 715.

—, Mary Wollstonecraft, English writer, X. 716.

—, Mary Wollstonecraft, wife of Shelley, XXI. 789, 791.

—, William, English writer, X. 717; on reason, VIII. 609; his relations with Shelley, XXI. 791.

GODWINE, earl of the West-Saxons, X. 719; VII. 682; VIII. 288, 289, 290.

GODWIT, bird, X. 720.

GOMÉAGOT, legendary giant, X. 172.

GOES, town, Holland, X. 720.

GOES, Benedict, Eastern traveller, X. 183; XXIV. 728.

—, Hugo van der, Flemish painter, X. 721.

—, Jan van der, Dutch poet, II. 138; XII. 95.

GOETHALS, Henry (Henry of Ghent), scholastic writer, XI. 674.

GOETHE, Johann Wolfgang von, German poet and dramatist, X. 721; his birthplace in Frankfort, IX. 707; on education, VII. 677; on embryology and morphology, XVI. 839; his influence on the German drama, VII. 442; influence on German literature, X. 537; Eckermann's relations with, VII. 641; his controversy with Oken, XVII. 751; his relations with Schiller, XXI. 397.

— MUSEUM, at Weimar, XXIV. 491.

GOETZ, Hermann, German musical composer, X. 737.

GOEZE, Johann Melchior, German theologian, XIV. 481.

GOEZMAN, Louis V., his connexion with Beaumarchais, III. 468.

GOFFART, Auguste, on ensilage, XXII. 67.

GOFFE, Thomas English pastoral poet, XVIII. 347.

GOG, of Scripture, X. 738.

— (Gyges, *q.v.*), Lydian king, XV. 100.

— AND MAGOG, X. 172.

GOGARI, or Gogra, river, Nepal, XVII. 340.

GOGMAGOG HILLS, Cambridgeshire, England, IV. 732.

GOGO, town, India, X. 738.

GOGOL, Nikolai Vasilievich, Russian writer, X. 738; XXI. 107.

GOGRA, river, Nepal and India, XVII. 340, 572.

GOHELWAR, district, India, XIV. 15.

GÖHREN, village, Rügen, Prussia, XXI. 57.

GOIDEL (Gaels), V. 297; in Ireland, XIII. 244, 246; in Scotland, XXI. 473; in Wales, XVIII. 482.

GOITO, town, Italy, X. 739.

GOITRE, disease, X. 739; VI. 573; XIII. 98; XVIII. 384.

GÖK SU, river, Asia Minor, II. 708; V. 776.

GOKTCHIA, Lake, Transcaucasia, Russia, XXIII. 514.

GOLAD, tribe, Lithuania, XIV. 702.

GOLAYA GORA, mountain, Eastern Siberia, XV. 548.

GOLCONDA, town, India, X. 740; diamonds of, VII. 164.

GOLD, precious metal, X. 740; as chemical element, V. 529; cyanide of, XX. 23; as mineral, XVI. 382; adulteration of, I. 176; in alchemy, I. 464; assay of alloys, II. 724; coinage, XVI. 482; effect of discoveries on commerce, VI. 206; in relation to exchange, VIII.

- 789; its use as money, XVI. 723; ores of, XVI. 58; dressing of ores, XVI. 465; production of, IV. 518; XVI. 467; production in England, VIII. 229; supply of, XVI. 728; its value in relation to silver, XVI. 729, 735; XXII. 73; in Australia, III. 109; in Austria, III. 120; in Bolivia, IV. 13; in Brazil, IV. 224; in British Columbia, VI. 169; in California, I. 716; IV. 701; in Celebes, V. 288; in Colombia, South America, VI. 154; in Colorado, VI. 161; in India, XII. 765; in Ireland, XIII. 218; in Japan, XIII. 572; in Khotan, East Turkestan, XIV. 67; in Mexico, XVI. 216; in New South Wales, XVII. 409; in New Zealand, XVII. 467; in Philippine Islands, XVIII. 750; in Russia, XXI. 85; in Siberia, XX. 4, 10; XXIII. 511; XXIV. 742; in United States, XXIII. 811, 814; in Ural Mountains, XXIV. 5; in Venezuela, XXIV. 140; in Victoria, XXIV. 216.
- GOLDAST, Melchior Haiminsfeld, German historian, X. 754.
- GOLDBEATING, X. 752.
- GOLDBERG, town, Prussia, X. 755; Trotzenorff's school at, XXIII. 589.
- GOLD CLOTH, XXIII. 210.
- GOLD COAST, West Africa, X. 755; I. 269.
- GOLDEN ASS, Apuleius's work, II. 215.
- GOLDEN BULL, X. 757; of the empire (1356), X. 757, 495; V. 413; charter of Hungary (1222), XII. 368.
- GOLDEN CHERSONESE, or Malay Peninsula, XV. 321; XX. 93.
- GOLDEN EAGLE, VII. 590; XIV. 244.
- GOLDEN-EYE, bird, X. 757.
- GOLDEN FLEECE, of Greek legend, II. 496; XIII. 596; XV. 776.
- GOLDEN FLEECE, Spanish order of knighthood, IV. 395; XXII. 303.
- GOLDEN GATE, San Francisco, XXI. 262.
- GOLDEN HIND, Drake's ship, VII. 390.
- GOLDEN HORDE, of Mongols, VI. 587; XVI. 746.
- GOLDEN HORN, at Constantinople, VI. 302; origin of the name, IV. 615.
- GOLDEN LEGEND, Longfellow's poem, XIV. 861.
- GOLDEN LEGEND, of Voragine, XXIV. 297.
- GOLDEN NUMBER, in calendar, IV. 670.
- GOLDEN ORIOLE, bird, XII. 696.
- GOLDEN PLOVER, bird, XIV. 308.
- GOLDEN ROSE, papal gift, X. 758.
- GOLDEN SYRUP, XXII. 627.
- GOLDFINCH, bird, X. 758; XXII. 99.
- GOLDFISH, X. 759.
- GOLD HILL, town, Nevada, U.S.A., X. 759; XVII. 368.
- GOLDINGEN, town, Russia, X. 759.
- GOLD INK, XIII. 81.
- GOLD LACE, X. 753.
- GOLD-MINING, IV. 701; X. 745. See also Mining.
- GOLDONI, Carlo, Italian dramatist, X. 759; VII. 419; XIII. 513.
- GOLD PLATE, XIX. 178.
- GOLDSCHMIDT, Hermann, German painter and astronomer, X. 760.
- , Joannes, Lutheran divine, III. 89.
- , Meyer Aron, Danish novelist, VII. 93.
- GOLDSINNY, fish, XXIV. 686.
- GOLDSMITH, Oliver, English writer, X. 760; as dramatist, VII. 438; as satirist, XXI. 320; his place in English literature, VIII. 429, 431.
- GOLDSTÜCKER, Theodor, German Orientalist, X. 764.
- GOLD THREAD, XXIII. 209.
- GOLD WIRE, XXIV. 615; ancient manufacture of, XXIII. 210.
- GOLETTA, seaport, Tunis, XXIII. 621.
- GOLF, game, X. 765.
- GOLIARDI, mediæval song-writers, XX. 383.
- GOLIAS EPISCOPUS, early English work, XV. 523.
- GOLIATH'S CASTLE, Jerusalem, XIII. 642.
- GOLITZIN, Vasilii, Russian minister, XXI. 96.
- GOLIUS, Jacobus, Dutch Orientalist, X. 768.
- GÖLLNITZ, or Gölmitz, town, Hungary, X. 768.
- GOLLNOW, town, Prussia, X. 768.
- GÖLNITZ, or Golniczbanya, town, Hungary, X. 768.
- GOLOVNIN, Vasily Mikhailovich, Russian admiral, X. 768.
- GOLSPIE, town, Scotland, XXII. 727.
- GOLTZ, Bogumil, German satirist, X. 768.
- GOLTZIUS, Hendrik, Dutch painter and engraver, X. 768.
- GOLUNDA, genus of rodent mammals XVII. 6.
- GOMAL, river, Afghanistan, I. 230.
- GOMARA (Kaffa), district, Abyssinia, XIII. 816.
- GOMARUS, or Gomar, Francis, Dutch theologian, X. 769; XII. 78.
- GOMBE, town, Sokoto, Africa, XXII. 279.
- GOMBIN, town, Russian Poland, XXIV. 375.
- GOMBROON, town, Persia, XVII. 857.
- WARE, pottery, XIX. 621.
- GOMEL, town, Russia, XII. 108.
- GOMER, of Scripture, X. 769.
- (Gimirræ), people, in Asia Minor, XV. 100.
- GOMERA, one of the Canary Islands, IV. 800.
- GOMEZ, Antonio Enriquez, Spanish dramatist, VIII. 449.
- , Sebastian, Spanish painter, XVII. 56.
- DE SILVA, Ruy, Spanish minister, XVIII. 744.
- GOMORRAH, of Scripture, VII. 2.
- GOMPA, town, on the Niger, Africa, XVII. 497.
- GOMPERTZ'S LAW, of mortality, II. 85.
- GOMPHI, pass, Thessaly, Greece, XXIII. 299.
- GONCHAROFF, Ivan A., Russian novelist, XXI. 108.
- GONDA, district, India, X. 769; town, X. 770.
- GONDAR, town, Abyssinia, X. 770; I. 64.
- GONDEMAR, founder of the Montserrat monastery, XVI. 797.
- GONDI, Jean François Paul de, Cardinal de Retz, XX. 488.
- GONDOKORO (Ismailia), town, Upper Egypt, XIII. 388; XVII. 506.
- GONDOLA, Venetian boat, XXIV. 157.
- , Giovanni, Dalmatian poet, XI. 278.
- GONDOMAR, Spanish ambassador, assaulted by Lithgow, XIV. 696.
- GONDOPHARES, king of Indo-Scythia, XVIII. 603; XXIII. 308.
- GONDS, tribe, India, X. 770.
- GONDWANA, country, Central India, X. 770.
- GONG, sound-producing instrument, X. 771; made of bronze, IV. 366.
- GÓNGORA Y ARGOTE, Luis de, Spanish poet, X. 771; XXII. 357, 360.
- GONIDIA, cells in lichens, XIV. 556.
- GONIOMETER, for measuring angles of crystals, X. 771; VI. 677; XVI. 362; its use in optics, XVII. 800.
- GONORRHŒA, disease, XXII. 686.
- GONSALVI, Ercole, cardinal, VI. 290.
- GONSALVO DE CORDOVA, Spanish general, X. 773.
- GONYLEPTIDES, family of Arachnida, II. 279.
- GONZAGA, Italian princely family, X. 772; XV. 504.
- , Thomaz Antonio, Portuguese poet, X. 772.
- , Vincenzo, patron of Rubens, XXI. 41.
- GONZALES, Diego, Spanish writer, XXII. 361.
- , Sebastian, Portuguese pirate, XVII. 524.
- GONZALO DE BERCEO, Spanish mystic and poet, X. 773.
- GONZALO FERNANDEZ Y AGUILAR (Gonsalvo de Cordova), Spanish general, X. 773.
- GOOD, The, in ethics, VIII. 574; XVIII. 686; Hutcheson's theory of, XII. 410; Schleiermacher's theory, XXI. 412; Socratic theory, XXII. 237; Stoic theory, XXII. 568; Zoroastrian doctrine, XXIV. 822.
- , John Mason, English writer, X. 773.
- FRIDAY, X. 774.
- GOODRICH, Samuel Griswold (Peter XXV. — 24

- Parley), American writer, x. 774; xi. 537.
- GOODSIR, John, Scottish anatomist, x. 775.
- GOOD TEMPLAR SOCIETIES, for promoting temperance, xxiii. 159.
- GOODWIN, Thomas, English Puritan divine, x. 776; xii. 728.
- GOODWOOD RACES, England, xii. 202.
- GOOD WORDS, magazine, xv. 163.
- GOODWYN, Henry, his mathematical tables, xxiii. 8, 13.
- GOOGE, Barnabe, English pastoral poet, xviii. 345; on husbandry, i. 296.
- GOOJRANWALA (Gujranwala), district, India, xi. 273; xx. 109; town, xi. 273.
- GOOJRAT, district, India, xi. 273; xx. 109; town, xi. 274.
- GOOLE, town, England, x. 776.
- GOORA NUT, xvii. 664.
- GOORDASPOOR (Gurdaspur), district, India, xi. 331; xx. 109.
- GOORGAON, district, India, xi. 331; xx. 109.
- GOORKHAS, Nepalese race, xii. 805; xvii. 341.
- GOOSANDER, bird, xvi. 35.
- GOOSE, bird, x. 777; xix. 647.
- GOOSEBERRY, fruit, x. 779; xii. 271.
- GOPHER, land-tortoise, x. 780.
- GÖPPINGEN, town, Würtemberg, x. 780; population, xxiv. 701.
- GOPTO, lake, Russian Poland, xix. 307.
- GORA KALWARIA, town, Russian Poland, xxiv. 375.
- GORAKHPUR, district and town, India, x. 780.
- GORAMY, fish, x. 781.
- GORBODUC, T. Sackville's drama, vii. 428.
- GORCHAKOV (Gortschakoff), Russian noble family, x. 787.
- GORCUM, town, Holland, x. 781.
- GORDIAN III., Roman emperor, x. 781; iv. 712.
- KNOT, i. 481; x. 781.
- GORDIANUS, three Roman emperors, x. 781.
- GORDIUM, ancient town, Bithynia, x. 781.
- GORDIUS, Phrygian king, xviii. 849.
- , genus of nematode worms, xvii. 325.
- GORDON, Alexander, Scottish antiquary, x. 781.
- , Bernard, early Scottish writer on medicine, xv. 807.
- , Charles George, organizer of Chinese troops, v. 652.
- , Lord George, x. 782; Erskine's defence of, viii. 530.
- , Sir John Watson, Scottish painter, x. 782.
- , Patrick, Russian general, x. 783.
- RIOTS, London, x. 782.
- GORDON'S HOSPITAL, Aberdeen, Scotland, i. 40.
- GORE, of a balloon, i. 206.
- , Catherine Grace, English novelist, x. 783.
- GOREE, island and town, West Afr x. 784; xxi. 660.
- GORE HOUSE, Kensington, London, iii. 825.
- GOREY, town, Ireland, xxiv. 521.
- GÖRGEI, Arthur, Hungarian general, xii. 372.
- GORGES, Sir Ferdinando, settler in Maine and New Hampshire, U.S.A., xv. 301; xvii. 393.
- GORGAS, Plato's dialogue, xix. 203.
- of Leontini, Sicilian rhetorician and sophist, x. 784; xx. 509; xxii. 16, 264; his theses on sceptical nihilism, xxi. 379.
- GORGON, in Greek mythology, x. 784; xviii. 560.
- GORGONA, island, Italy, xiii. 440.
- GORGONZOLA CHEESE, xiii. 452.
- GORI, town, Georgia, Russia, x. 785; xxiii. 514.
- GORILLA, ape, ii. 150; relation of man to, ii. 108; skeleton of, ii. 162.
- GORITSA, or Koritsa, town, Turkey, xiv. 141.
- GÖRIZ, town, Austria, x. 788.
- GORKHALIS, or Goorkhas, Nepalese race, xvii. 341.
- GORKI, town, Russia, xvi. 543.
- GORKUM, or Gorcum, town, Holland, x. 781.
- GÖRLITZ, town, Prussia, x. 785; xxii. 53.
- GORNU, town, Bornu, Africa, iv. 61.
- GORODISCHE, Russia, Anthracite mines of, xv. 60.
- GORODISHTCHE, town, Russia, xviii. 515.
- GORODNYA, town, Russia, xxiii. 96.
- GORODOK, town, Russia, xxiv. 262.
- GORÖNTALO, department, Celebes, v. 289.
- BAY, Celebes, v. 287.
- GÖRRES, Joseph Johann, German political writer, x. 786.
- GORSE, shrub, ix. 851; as forage plant, i. 378.
- GORSEDD, Welsh assembly, vii. 791.
- GORT, village, Ireland, x. 56.
- GORTHO, or Corinth (*q.v.*), town, Greece, vi. 397.
- GORTSCHAKOFF, Mikhail Dimitrievich, Russian general, x. 787.
- , Petr Dimitrievich, Russian general, x. 787.
- GORTYNA, or Gortyn, ancient town, Crete, x. 787.
- GÖRTZ, or Görz, town, Austria, x. 788.
- , Baron von, adviser of Charles XII. of Sweden, v. 421.
- GÖRZ, crown land, Austria, x. 787; town, x. 788.
- GOSAIN THAN, mountain, Nepal, xvii. 340.
- GÖSCHENEN, town, Switzerland, xxiv. 11.
- GOSFORTH, Cumberland, England, Sculptured cross at, xxi. 557.
- GOS-HAWK, bird, x. 788.
- GOSHEN, district of ancient Egypt, x. 788; xx. 265.
- GOSIA, Martinus, Italian jurist, iv. 517.
- GOSLAR, town, Prussia, x. 789.
- GOSLARITE, mineral, xvi. 401.
- GOSLICKI, Wawrzyniec (Grimalius Goslicius), Polish scholar, x. 789.
- GOSPEL, St Paul's teaching of the, xviii. 425.
- OF THE HEBREWS, x. 818.
- GOSPELS, The, x. 789; their testimony to Jesus Christ, xiii. 659; the Synoptic, iii. 643; apocryphal, ii. 184; Lindisfarne and Rushworth's MSS. of, viii. 382; Syriac versions, xxii. 824; Baur on, iii. 449.
- GOSPEL SONNETS, Ralph Erskine's, viii. 529.
- GOSPORT, town, England, x. 843; xix. 534.
- GOSSART, Jan, Flemish painter, x. 843.
- GOSSE, W. C., his explorations in Australia, iii. 106.
- GOSSELIES, town, Belgium, x. 844.
- GOSSELIN, Henri, pianoforte maker, xix. 72.
- GÖSSNITZ, town, Germany, xxi. 347.
- GOSSYPIUM, cotton plant, vi. 482.
- GOSTLING, John, royal chorister, xx. 112.
- GOSTYNIN, town, Russian Poland, xxiv. 375.
- GOSZCZYNSKI, Severin, poet of the Ukraine, xix. 304.
- GÖTA, river, Sweden, xxii. 736.
- GÖTALAND, division of Sweden, xxii. 736.
- GOTAMA, or Gautama, the Buddha, xiv. 226.
- GOTARZES, Parthian king, xviii. 601.
- GÖTEBORG (Gothenburg), county and town, Sweden, x. 845; xxii. 741.
- GOTESCHALCUS, Fulgentius (Gottschalk), German theologian, x. 855.
- GOTHA, duchy, Germany, xxi. 347.
- , town, Germany, x. 844; xxi. 347; libraries, xiv. 527, 546; observatory, xvii. 712.
- GOTHENBURG, county, Sweden, x. 845; xxii. 742.
- , town, Sweden, x. 845; xxii. 742; liquor law system of, xiv. 688.
- GOTHIC ARCHITECTURE, use of the term, ii. 423.
- GOTHIC LANGUAGE, x. 852; xviii. 785; in relation to Scandinavian tongues, xxi. 367; dictionaries of language, vii. 186.
- GOTHIC MSS., xviii. 148.

- GÖTHITE, mineral, XVI. 387.
 GOTHLAND SEA LAWS, XXI. 585.
 GOTHOFRED, noble French family, X. 846.
 GOTHs, X. 846; under Alarie, I. 442; introduction of Christianity among them, XXIII. 719; in Germany, X. 475; their invasions of Greece, XI. 109, 112; of Naples, XVII. 191; of the Roman empire, XX. 777, 782; in Italy, XIII. 467; XVII. 233; in Sweden, XXII. 744; under Theodosius I., XXIII. 258; Jordanes's history of, XIII. 747.
 —, Eastern, or Ostrogoths, Law code for the, XXI. 216.
 —, West, or Visigoths, their conquest of Spain, XXII. 308.
 GOTLAND, county, Sweden, XXII. 741.
 —, island, Baltic Sea, XXII. 737.
 GOTO, islands, Japan, XIII. 569.
 GOTT, John, his electric telegraph test, XXIII. 118.
 GOTTESFREUNDE, German mystics, XVII. 133.
 GOTTESGABE, town, Germany, VIII. 533.
 GOTTESHAUSBUND, league, Switzerland, XI. 205; XXII. 789.
 GOTTFRIED of Strasburg, German poet, X. 854, 524.
 —, Johann, German sculptor, XXI. 566.
 GOTTHARD, St, tunnel, Switzerland, XXIII. 624.
 GOTTHELF, Jeremias (Albert Bitzius), Swiss writer, XXII. 799.
 GÖTTINGEN, town, Prussia, X. 854; library, XIV. 527, 546; observatory, XVII. 712; university, XXIII. 847.
 GOTTORP, castle, Schleswig, XXI. 414.
 — GLOBE, X. 683.
 GOTTSCHALK, German theologian, X. 855.
 GOTTSCHALL, Rudolf, German writer, X. 545, 546.
 GOTTSCHED, Johann Christoph, German writer and critic, X. 856, 533; VII. 441; XIV. 479.
 GOTTSKALKSSON, Odd, Icelandic religious writer, XII. 626.
 GÖTZ, Johann Nikolaus, German poet, X. 856.
 — VON BERLICHINGEN, Goethe's play, X. 724.
 GOUDA, town, Holland, XI. 1.
 GOUDIMEL, Claude, French musical composer, XI. 1; XVII. 84.
 GOUGE, cutting tool, XI. 437.
 GOUGH, Viscount, British general, XI. 2.
 —, Richard, English antiquary, XI. 2.
 GOUJET, Claude Pierre, French abbé and writer, XI. 3.
 GOUJON, Jean, French sculptor, XI. 3; XXI. 563.
 GOULBURN, river, Victoria, Australia, XXIV. 215.
 GOULD, Augustus Addison, American conchologist, XI. 3.
 —, John, on birds, XVIII. 12.
 GOUR, or Gaur, mediæval town, India, X. 112.
 —, or Ghor, territory, Afghanistan, X. 569.
 GOURA, genus of birds, XIX. 85.
 GOURAMY, fish, X. 781.
 GOURD, plant, XI. 4; XII. 283.
 GOURDON GOLD CUP AND TRAY, XIX. 183.
 GOURGAUD, Gaspard, Baron, French general, XI. 5.
 GOURNAY, Jean V., French economist, XIX. 361.
 GOUROCK, town, Scotland, XX. 396.
 GOUT, disease, XI. 5; XVIII. 388; diet in, VII. 206.
 —, Rheumatic, disease, XX. 518.
 GOUTTES D'EAU, colourless topaz, XXIII. 446.
 GOUVION SAINT CYR, Laurent, Marquis de, French marshal, XI. 8.
 GOUWE, Ter (Gouda), town, Holland, XI. 1.
 GOVERNMENT, XI. 9; origin of, VIII. 620; in relation to law, XIV. 357, 366; British ministry, XVI. 472; Chinese principles of, V. 667; influence of Christianity on, V. 697; federal, IX. 61; Moslem form of, XVI. 589; representative, XVIII. 302; Bentham's views of, III. 576; Confucius's theory of, VI. 261; Locke's treatise on, XIV. 756; Machiavelli's discourse on, XV. 150; Plato on, XIX. 208; Zachariae on, XXIV. 762.
 —, Church, V. 759.
 — STATISTICAL RETURNS, XXII. 464.
 GOVERNOR, Roman provincial, XIX. 885.
 —, in mechanics, XV. 768; XXII. 505.
 GOVIND RAI, Sikh ruler, India, XX. 111.
 GOWAN, or Daisy, plant, VI. 773.
 GOWER, Lord Francis Leveson, earl of Ellesmere, VIII. 148.
 —, John, English poet, XI. 21; VIII. 412.
 GOWHATTY (Gauhati), town, Assam, India, X. 111.
 GOWRIE, Carse of, Scotland, XVIII. 666.
 — CONSPIRACY (1600), in Scottish history, XIII. 558; XXI. 509.
 GOYA, town, Argentine Republic, XI. 22.
 GOYANNA, town, Brazil, XI. 22.
 GOYA Y LUCIENTES, Francisco, Spanish painter and caricaturist, XI. 22; V. 104; XXI. 440.
 GOYAZ, province and town, Brazil, XI. 23.
 GOYEN, Jan Josephssoon van, Dutch painter, XI. 23.
 GOZLAN, Léon, French novelist and dramatist, XI. 23.
 GOZO, island, Mediterranean Sea, XV. 339.
 GOZZI, Carlo, Count, Italian dramatist, XI. 24; VII. 419.
 —, Gasparo, Count, Italian critic, XI. 24; XIII. 512.
 GOZZOLI, Benozzo, Italian painter, XI. 24; IX. 773.
 GRAAF, Regnier de, Dutch anatomist, I. 812.
 GRAAF-REINET, district, Cape Colony, V. 45.
 GRAAH, Captain, Danish Northern explorer, XIX. 320.
 GRAAL, or Grail, The Holy, in mediæval legend, XI. 34; VIII. 408; XX. 644.
 GRABE, Johann Ernst, Anglican divine, XI. 25.
 GRABOW, town, Prussia, XI. 25; XXII. 543.
 GRABOWSKI, Michael, poet of the Ukraine, XIX. 305.
 GRABUSA, fortress, Crete, VI. 570.
 GRACCHUS, Roman family, XI. 25; XX. 756.
 —, Tiberius, Roman general, in Spain, XXII. 306.
 GRACES, in Greek mythology, XI. 26.
 GRACIAN, Baltazar, Spanish writer, XI. 27; XXII. 360.
 GRACIAS, department, Honduras, XII. 132.
 GRACIOSA, island, Azores, III. 172.
 —, island, Canaries, IV. 800.
 GRACKLE, bird, XI. 26.
 GRACULA, genus of birds, XI. 26.
 GRADENIGO, Pietro, doge of Venice, XXIV. 143.
 GRADIENTS, Atmospheric, in meteorology, XIX. 241.
 GRADIJSK, town, Russia, XIX. 410.
 GRADIRHAUS, for salt-making, XXI. 232.
 GRADISCA, crown land, Austria, X. 787.
 —, town, Austria, XI. 27.
 GRADIVUS, epithet of Mars, Roman god, XV. 570.
 GRADUAL, or Graduale, liturgical service book, XIV. 710; XVI. 508.
 GRADUATION, of mathematical instruments, XI. 27.
 — HOUSE, for salt-making, XXI. 231.
 GRÆÆ, of Greek legend, XVIII. 560.
 GRÆCIA, Magna, part of ancient Italy, XI. 30, 95.
 GRÆCOSTASIS, platform, in ancient Rome, XX. 816.
 GRÆVIUS, Johann Georg, German scholar, XI. 31.
 GRAF, K. H., on the Pentateuch, XVIII. 509.
 GRÄFE, Albrecht von, German oculist, XI. 31.
 —, Heinrich, German educationist, XI. 31.

- GRÄFE, Johann Georg (Grævius), German scholar, XI. 31.
 —, Karl Ferdinand von, German surgeon, XI. 31.
 GRÄFRATH, town, Prussia, XI. 32.
 GRAFT-HYBRIDISM, in plants, XII. 426.
 GRAFTING, Animal, Hunter's experiments in, XII. 387.
 —, of plants, XII. 213, 236.
 GRAFTON, town, West Virginia, U.S.A., XXIV. 519.
 —, Richard, early printer of English Bible, VIII. 386.
 GRAGNANO, town, Italy, XI. 32.
 GRAHAM, James, first marquis of Montrose, XVI. 795; XXI. 512, 513.
 —, Sir James G. R., British statesman, XI. 32.
 —, John, of Claverhouse, Viscount Dundee, VII. 536; XXI. 516.
 —, Thomas, Scottish chemist, XI. 32.
 GRAHAME, James, Scottish poet, XI. 33.
 GRAHAM ISLAND, British Columbia, XX. 170.
 GRAHAM'S DYKE, Scotland, II. 139; XXI. 471; XXII. 554.
 GRAHAM'S SHOAL, Mediterranean Sea, XV. 820.
 GRAHAM'S TOWN, Cape Colony, Africa, XI. 34.
 GRAHOVO, town, Montenegro, XVI. 781.
 GRAIAN ALPS, I. 624.
 GRAIL, The Holy, in mediæval legend, XI. 34; VIII. 408; XX. 644.
 GRAIN, trade in, VI. 414; at Chicago, V. 611.
 — COAST, West Africa, I. 269.
 — CROPS, Cultivation of, I. 354.
 GRAINE, silkworms' eggs, XXII. 58.
 GRAINING, in painters' work, IV. 512.
 GRAINS OF PARADISE, XI. 36; XVIII. 517.
 GRALLÆ, group of birds, XVIII. 46.
 GRAM, leguminous plant, XI. 36.
 GRAMINEÆ, group of plants, XI. 53.
 GRAMMAR, XI. 37; in relation to philology, XVIII. 765; Arabic, XVI. 595; of Aryan languages, XVIII. 789; Bantu, XXIV. 827; Chinese, V. 656; comparative, Bopp's researches in, IV. 49; of Homeric poems, XII. 114; of Romance languages, XX. 665; Sanskrit, XXI. 270, 292; Priscian's contributions to, XIX. 744. See also Language.
 GRAMMATICA GRÆCA, Lascaris's, XIV. 319.
 GRAMMATICUS, expert in literature of Rome, XXI. 692.
 GRAMMATITE, mineral, XVI. 417.
 GRAMMATOPHORA, genus of lizards, XIV. 736.
 GRAMME, unit of weight, XV. 668; XXIV. 490.
 GRAMMICHELE, or Granmichele, town, Sicily, XI. 50.
 GRAMMONT, town, Belgium, XI. 43.
 GRAMMONT, Mémoires du Comte de, Anthony Hamilton's book, XI. 414.
 —, Order of, or Grammontines, monastic order, XI. 47; XVI. 708.
 GRAMONT, Philibert, Comte de, French courtier, XI. 43; Hamilton's Mémoires of, XI. 414.
 GRAMPIANS, mountains, Scotland, XVIII. 666.
 GRAMPUS, cetacean mammal, XI. 44; XV. 399.
 GRAN, town, Hungary, XI. 44.
 GRANADA, province, Spain, XI. 45; XXII. 298.
 —, town, Spain, XI. 45; conquest of (1492), XXII. 326; sculptures in cathedral, XXI. 567.
 —, town, Nicaragua, Central America, XI. 46; XVII. 477.
 —, Luis de, Spanish preacher, XI. 46.
 GRANADILLA, plant and fruit, XI. 46; XVIII. 343.
 GRANARD, Moat of, Longford, Ireland, XIV. 864.
 GRAN CHACO, district, South America, XI. 46.
 GRANCIN, dyestuff, IV. 687.
 GRAND CANAL, of China, V. 631.
 GRAND CANARY, island, IV. 799.
 GRAND CAÑON, of the Colorado river, U.S.A., XXIII. 799.
 GRAND CAYMAN, island, West Indies, XIII. 549.
 GRAND COMBE, town, France, XI. 47.
 GRAND CREDO, peak in Jura range, Switzerland, XIII. 781.
 GRAND-DUKE, title, XIX. 738; XXIII. 418.
 GRANDE CHARTREUSE, monastery, France, I. 20; V. 163, 434.
 GRANDE RONDE, river, Oregon, U.S.A., XVII. 822.
 GRANDFATHER'S CHAIR, Hawthorne's stories, XI. 537.
 GRAND HAVEN, town, Michigan, U.S.A., XI. 47.
 GRANDIMONTANES, religious order, XI. 47.
 GRAND ISLAND, Niagara river, New York, U.S.A., XVII. 472.
 GRAND ISLAND, town, Nebraska, U.S.A., XVII. 309.
 GRAND JURY, in law, XIII. 785.
 GRAND LAKE, New Brunswick, XVII. 373.
 GRAND LAKE, Newfoundland, XVII. 382.
 GRAND-LIEU, lake, France, IX. 507; XIV. 808.
 GRAND RAPIDS, town, Michigan, U.S.A., XI. 47.
 GRANDS JOURS, irregular assize, France, XVIII. 340.
 GRANDSON, or Granson, town, Switzerland, XI. 50; battle of (1476), XXII. 787.
 GRANDVILLE, Jean Gérard, French caricaturist, X. 440; V. 105.
 GRAND VIZIER, Oriental officer of state, XXIV. 268.
 GRANET, François Marius, French painter, XI. 47.
 GRANGE, in architecture, II. 465.
 GRANGEMOUTH, town, Scotland, XXII. 554.
 GRANICUS, river, Asia Minor, II. 707; battle of (334 B.C.), I. 481; XV. 140.
 GRANILLA, variety of cochineal, VI. 97.
 GRANITE, rock, XI. 48; X. 230, 233, 308; strength of, XXII. 603; of Aberdeen, I. 42, 44.
 —, Graphic, mineral, XI. 49; XVI. 419.
 GRANITITE, variety of granite, XI. 49.
 GRANJA, La, Spain, royal residence, XXI. 623.
 GRANMICHELE, town, Sicily, XI. 50.
 GRANOVSKI, Russian historian, XXI. 108.
 GRAN PIEDRA, mountain, Cuba, VI. 679.
 GRAN SASSO, mountain, Apennines, Italy, I. 56.
 GRANSON, town, Switzerland, XI. 50; battle of (1476), XXII. 787.
 GRANT, Anne, Scottish authoress, XI. 50.
 —, Sir Francis, English painter, XI. 51.
 —, James, English journalist, XVII. 419.
 —, James Augustus, African traveller, XXII. 390.
 —, Sir James Hope, British general, XI. 51.
 —, Sir Robert, hymns by, XII. 595.
 —, Ulysses S., general and president of the United States, XXIII. 788, 776, 778, 784.
 GRANTCHESTER, town, England, IV. 729.
 GRANTHAM, town, England, XI. 51.
 GRANTHS, in Hindi literature, XI. 845.
 GRANTING OF SUPPLIES, in parliament, XVIII. 313.
 GRANTON, village, Scotland, XIV. 431.
 GRANULATIONS, Healing by, XVIII. 363.
 GRANUSTHURM, ancient tower, Aix-la-Chapelle, Prussia, I. 432.
 GRANVELLA (Antoine Perrenot), Spanish cardinal, XI. 52; his rule in Holland, XII. 74.
 GRANVILLE, town, France, XI. 52.
 —, Earl (John Carteret), British statesman, XI. 52.
 GRAPE, GRAPES, Culture of, XII. 277; culture for wine making, XXIV. 602; dried, XX. 258; fermentation of juice of, IX. 92.
 GRAPE-SEED OIL, XVII. 744, 746.
 GRAPE SHOT, I. 745.
 GRAPE SUGAR, XXII. 623; its relation to alcohol, I. 470.
 GRAPE VINE, XII. 277; XXIV. 237, 604, 606.
 GRAPHIC GRANITE, XI. 49; XVI. 419.

- GRAPHITE, mineral, XVI. 381; XIX. 230; nearly pure carbon, v. 86; crucibles of, IX. 843; pencils of, XVIII. 490.
- GRAPHOTYPE, process of engraving, XI. 53.
- GRASLITZ, town, Bohemia, XI. 53.
- GRASMERE, lake, England, XXIV. 513.
- GRASS, XI. 53.
- , Spanish, or Esparto, VIII. 547.
- GRASSE, town, France, XI. 53.
- GRASSES, XI. 53; culture of, I. 370.
- GRASSHOPPER, insect, XI. 60; XIV. 765; blind, of Mammoth Cave, United States, XV. 450.
- , in Athenian headdress, VI. 454.
- GRASSLITZ, town, Bohemia, XI. 53.
- GRASSMAN, Hermann G., investigator of quaternions, XX. 163.
- GRASS-SEEDS, Germination of, I. 371.
- GRASS VALLEY, town, California, U.S.A., IV. 706.
- GRATES, Tests for, in view of smoke abatement, XXII. 181.
- GRATIANUS, Augustus (Gratian), Roman emperor, XI. 60; his wars with the Goths, XXIII. 258.
- , Franciscus, Italian canonist, XI. 60; on canon law, v. 18; Decretum of, XXIII. 832.
- , Johannes (Pope Gregory VI.), XI. 176.
- GRATICULATION, in maps, XXII. 714.
- GRATINGS, Interference, in optics, XIV. 607; XXIV. 437.
- GRATIUS FALISCUS, Roman poet, XI. 60.
- GRATTAN, Henry, Irish statesman and orator, XI. 61.
- GRATZ, or Graz (*q.v.*), town, Austria, XI. 63.
- GRAUBÜNDEN, or Grisons, canton, Switzerland, XI. 204; XXII. 778, 794.
- GRAUDENZ, town, Prussia, XI. 64.
- GRAUN, Carl Heinrich, German composer, XI. 64.
- GRAVELINES, town, France, XI. 65.
- GRAVELOTTE, Lorraine, Battle of (1870), IX. 627.
- GRAVEL ROCKS, x. 236.
- GRAVENHAGE, 's (The Hague, *q.v.*), town, Holland, XI. 371.
- GRAVENHURST, W. H. Smith's work, XXII. 179.
- GRAVES, Robert James, Irish physician, XV. 817.
- GRAVESEND, town, England, XI. 65; XIV. 39.
- , town, Long Island, New York, U.S.A., XIV. 866.
- GRAVES'S DISEASE, x. 740; XVIII. 385.
- GRAVINA, town, Italy, XI. 65.
- , Giovanni Vincenzo, Italian critic and juriconsult, XI. 65; XVI. 103; XXIV. 212.
- GRAVING DOCK, XI. 469.
- GRAVITATION, XI. 66; II. 19, 780; XV. 708; discovery of the law of, II. 755; XVII. 441; theories of, III. 64; theory from vortex rings, III. 46, 47.
- GRAVITY, in mechanics, XV. 701, 729; centre of, XI. 69; Archimedes on centre of, II. 380.
- , Specific, comparative density, XII. 538; tables, XII. 541.
- GRAVOSA, port, Dalmatia, XX. 221.
- GRAY, town, France, XI. 75; XXI. 301.
- , Asa, American botanist, XXIII. 452.
- , David, Scottish poet, XI. 75.
- , Elisha, his experiments in telephony, XXIII. 129.
- , G. R., on birds, XVIII. 14, 16.
- , John Edward, English naturalist, XI. 76; his plates of birds, XVIII. 11; on reptiles, XX. 436; on tortoises, XX. 441.
- , Robert, on birds, XVIII. 18.
- , Stephen, his discoveries in electricity, VIII. 4, 5.
- , Thomas, English poet, XI. 77; his place in English literature, VIII. 429; his relations with Walpole, XXIV. 334.
- GRAYLE, or Grail (*q.v.*), The Holy, in mediæval legend, XI. 34.
- GRAYLING, fish, XI. 78; XII. 693; XXI. 221, 224, 225; angling for, II. 41.
- GRAYLOCK MOUNTAIN, Massachusetts, U.S.A., XXIII. 792.
- GRAY'S INN, legal society, London, XIII. 87, 90.
- GRAY SOUR, in bleaching, III. 816.
- GRAY'S PEAK, Colorado range, United States, XXIII. 796.
- GRAZ, town, Austria, XI. 63; XXII. 614; libraries, XIV. 547; university, XXIII. 851.
- GRAZALEMA, town, Spain, XI. 78.
- GRAZING, in relation to land tenure, XIV. 270.
- GRAZZINI, Antonfrancesco, Italian writer, XI. 78; XIII. 510.
- GREAT AUK, bird, x. 78.
- GREAT BASSES, lighthouse, Ceylon, XIV. 617.
- GREAT BERKHAMPSTEAD, town, England, III. 591.
- GREAT BRITAIN, steamship, IV. 397; structure of, XXI. 815.
- GREAT BRITAIN AND IRELAND, United Kingdom of, XI. 79; XXIII. 727.
- GREAT CIRCLE SAILING, in navigation, XVII. 266.
- GREAT DRIFFIELD, town, England, VII. 470.
- GREAT EASTERN, steamship, IV. 397; XXI. 66; structure of, XXI. 815.
- GREAT GLOSS, of Accursius, I. 91.
- GREAT GRIMSBY, town, England, XI. 402.
- GREAT HARRY, British warship, XVII. 281.
- GREATHEAD, Henry, life-boat constructor, XXI. 803.
- GREAT HOGGARTY DIAMOND, Thackeray's work, XXIII. 214.
- GREAT LAYMAN (Nicholas of Basel), XVII. 486.
- GREAT MARLOW, town, England, XV. 556.
- GREAT OFFICERS OF STATE, English, XXII. 458.
- GREAT PRIVILEGE, The, of Holland (1477), XII. 73.
- GREATRAKES, Valentine, Irish magnetizer, XV. 277.
- GREAT SALT LAKE, Utah, U.S.A., XIV. 222; XXI. 235; XXIV. 19.
- GREAT SALT LAKE CITY, Utah, U.S.A., XVI. 827.
- GREAT SEAL, of England, XXI. 587.
- GREAT THING, Swedish tribal assembly, XXII. 744.
- GREAT VALLEY, Pennsylvania and Virginia, U.S.A., XVIII. 499; XXIII. 794.
- GREAT VEHICLE, Buddhist doctrine, XIV. 226.
- GREAT WESTERN, steamship, IV. 397; structure of, XXI. 815.
- GREAT WESTERN RAILWAY, England, IV. 397.
- GREAT YARMOUTH, town, England, XXIV. 728.
- GREAVES, John, English mathematician and antiquary, XI. 79.
- GREBE, bird, XI. 79.
- GREBELIANS, Swiss sect, XVI. 12.
- GREBLIANOVICH, Lazar, prince of Servia, XXI. 689.
- GRECHETTO, Il (G. B. Castiglione), Italian painter, v. 195.
- GRECIAN ARCHIPELAGO, II. 381.
- GRECO, El (D. Theotocopuli), painter, XI. 80.
- GREECE, Ancient, XI. 80, 89 (index, 153); in the time of Homer, XII. 111; relations with Darius I. of Persia, XVIII. 570; invasion of, by Xerxes I., XVIII. 572; peace with Persia (*c.* 449), XVIII. 574; politics in time of Isocrates, XIII. 390; conquest of, by Alexander the Great, I. 481; by Rome, IX. 287; XX. 751, 753; connexion with Phœnicia, XVIII. 805; with Phrygia, XVIII. 851; amphictyonies of, I. 772; architecture, II. 401; armies, II. 560; astrology, II. 740; astronomy, II. 746; coins, XVII. 631, 642; colonies, VI. 158; drama, VII. 403; education, VII. 671; emigration from, VIII. 173; festivals, IX. 114; games, x. 63; glass-making, x. 648; libraries, XIV. 509; mythology, XVII. 153; pottery, XIX. 610; religion, XX. 371; XXIII. 238; ships, XXI. 806; slaves, XXII. 130.
- , Modern, XI. 80; new boundaries of (1881), XXIII. 653; revolt against the Turks (1824), XXIII. 649; independence of (1828), XVII. 485; XXIII. 650; church, XI. 157; drama, VII. 419; Jews in, XIII. 685; libraries, XIV. 549;

- mineral products, XVI. 469; national debt, XVII. 246; newspapers, XVII. 431; observatory, at Athens, XVII. 714; periodical literature, XVIII. 543.
- GREECE, History of, Grote's, XI. 214.
- GREEK ACCENT, I. 80.
- GREEK ALPHABET, I. 609.
- GREEK ANTHOLOGY, II. 103.
- GREEK CHURCH, XI. 154; its origin, XI. 111; bishops in, III. 788; image-worship in, XII. 713; liturgical services of, XIV. 710; married priests in, V. 293; in Europe, VIII. 712; in Greece, XI. 86; in Russia, XXI. 81.
- GREEK DRAMA, Ancient, VII. 403; modern, VII. 419.
- GREEK EMPIRE, or Byzantine Empire, XI. 106, 114; invasion of, by Turks (1453), XXIII. 641; coins of, XVII. 654.
- GREEK FIRE, XI. 159, 317; II. 655; Joinville's description of, XIII. 734.
- GREEK GRAMMAR, XI. 43; of the Homeric poems, XII. 114.
- GREEK INSCRIPTIONS, XIII. 121.
- GREEK LANGUAGE, XI. 126; XVIII. 784; dictionaries of, VII. 183.
- GREEK LITERATURE, XI. 136; rhetoric, XX. 508; romance, XX. 633; Manutius's services to, XV. 513; revival of study of, in England, VIII. 414.
- GREEK NUMERALS, XVII. 625.
- GREEKS, in Asia, II. 699; XIII. 204; XVIII. 583, 592, 599.
- GREEK TESTAMENT, II. 648; Alford's I. 505; Erasmus's, VIII. 517; Tischendorf's, XXIII. 409.
- GREEK WRITING, XVIII. 145.
- GREELEY, Horace, American writer and politician, XI. 160; XVII. 434; XXIII. 784.
- GREELEY, Adolphus W., American Arctic explorer, XIX. 326.
- GREEN, Pigments of, XIX. 88.
- , Benjamin, American journalist, XVII. 433.
- , Charles, aeronaut, I. 191; his great Nassau balloon, I. 192.
- , George, his mathematical theory of electricity, VIII. 15.
- GREENBACKS, paper currency, United States, XXIII. 775.
- GREEN BAY, town, Wisconsin, U.S.A., XI. 162.
- GREENBRIER, sulphur springs, West Virginia, U.S.A., XXIV. 518.
- GREEN COLOURS, in dyeing, VII. 578.
- CROP FALLOW, I. 337.
- GREENE, Maurice, English musical composer, XI. 163.
- , Nathanael, American general, XI. 163.
- , Robert, English dramatist and pastoral poet, XI. 163; VII. 429; XVIII. 346; XXI. 758, 762.
- GREENFINCH, bird, XI. 165.
- GREENGAGE, fruit, XIX. 230.
- GREENHALGH CASTLE, Lancashire, England, XIV. 254.
- GREENHEART, timber tree, XI. 165.
- GREENHOUSE, in horticulture, XII. 222, 261.
- GREENLAND, Arctic country, XI. 166; VII. 83; Icelandic works on its discovery, XII. 624; birds of, III. 753; Eskimo, VIII. 544; explorations of, XIX. 316, 324; Miocene rocks, X. 364; Christian missions to, VII. 696; seal fisheries, XXI. 582; whale fishery, XXIV. 526.
- , Emma Jane (Mrs Hooker), her process of encaustic painting, VIII. 187.
- SEA, XVII. 592.
- SHARK, XXI. 777.
- GREENLAW, town, Scotland, III. 613.
- GREENLEAF, Simon, American jurist, XI. 171.
- GREEN LINNET, bird, XI. 165.
- GREEN MOUNTAINS, Canada and United States, I. 678; XX. 165; XXIII. 792; XXIV. 166.
- GREENOCK, town, Scotland, XI. 172; population, XXI. 528.
- GREENOCKITE, mineral, XVI. 392.
- GREENOUGH, Horatio, American sculptor, XI. 173.
- GREENOVITE, mineral, XVI. 426.
- GREENSHANK, bird, XI. 173.
- GREENSTONE, rock, X. 235.
- GREEN TEA, XXIII. 99.
- GREEN TURTLE, XXIII. 458.
- GREENVILLE, town, South Carolina, U.S.A., XXII. 288.
- GREENWICH, town, England, XI. 173; XIV. 821, 822; Royal Naval College at, XVII. 263; Royal Observatory at, II. 756; XVII. 710; founding of observatory (1657), XVII. 257; telescopes at observatory, XXIII. 147.
- , suburb of New York, U.S.A., XVII. 458.
- GREENWOOD, John, English Independent, XII. 724.
- GREETINGS, or Salutations, XXI. 235.
- GREGALE, wind, Mediterranean Sea, XV. 340; XVI. 149.
- GREGARINA BLATTARUM, species of Protozoa, XIX. 854.
- GREGARINIDA, group of parasites, XVIII. 259.
- GREGARINIDEA, subclass of Protozoa, XIX. 853.
- GRÉGOIRE, Henri, French bishop and Revolutionist, XI. 174.
- GREGORIAN CALENDAR, IV. 667, 671.
- GREGORIAN CHANT, XIX. 169.
- GREGORIAN CODE, in Roman law, XX. 711.
- GREGORIAN MUSIC, XVII. 80.
- GREGORIAN TELESCOPE, XXIII. 145.
- GREGORY, St, the Illuminator, founder of Armenian Church, XI. 179; II. 548.
- , St, of Nazianzus, XI. 179; as hymn-writer, XII. 579.
- GREGORY, St, of Nyssa, XI. 180.
- , St, Thaumaturgus, XI. 181; creed of, VI. 559; on penance, XVIII. 486.
- , St, of Tours, Frankish historian, XI. 181.
- , I., St, the Great, pope, XI. 175; XIX. 493; XX. 783; promoter of church music, XVII. 80; his contest with the Lombards, XIV. 815.
- II., St, pope, XI. 176; XX. 783, 785.
- III., St, pope, XI. 176; XIX. 494.
- IV., pope, XI. 176.
- V., pope, XI. 176; XIX. 497; XX. 789.
- VI., pope, XI. 176; XIX. 494, 498.
- VII., St, pope, XI. 176; XIII. 471; XIX. 498, 499; XX. 791; his contentions with the emperor Henry IV., X. 488; XI. 668.
- VIII., pope, XI. 178.
- VIII., antipope, XIX. 500.
- IX., pope, XI. 178; XIII. 475; XX. 795.
- X., pope, XI. 178; XIX. 501.
- XI., pope, XI. 178; XIX. 502; XX. 802.
- XII., pope, XI. 178; XX. 804.
- XIII., pope, XI. 178; XIX. 504.
- XIV., pope, XI. 178.
- XV., pope, XI. 178; XIX. 505.
- XVI., pope, XI. 179; XIX. 509.
- of Cyprus, Syriac writer, XXII. 828.
- of Heimburg, Reformer, XX. 323.
- of Tusculum, Italian noble, XX. 790.
- , David (1628–1720), Scottish scientist, XI. 182.
- , David (1661–1708), Scottish mathematician, XI. 182.
- , Duncan Farquharson, Scottish chemist and mathematician, XI. 183; his trigonometrical series, XXIII. 570, 571.
- , James (1638–1675), Scottish mathematician, XI. 182; on squaring the circle, XXII. 435; his reflecting telescope, XXIII. 137, 145.
- , James (1753–1821), Scottish physician, XI. 183; XV. 817.
- , John, Scottish physician, XI. 182.
- , Olinthus, English mathematician, XI. 183.
- , William, Scottish chemist, XI. 183; his translation of Reichenbach's Researches on Magnetism, XV. 278.
- GREGORY'S SERIES, in trigonometry, XXIII. 570, 571.
- GREIFENBERG, town, Prussia, XI. 183.
- GREIFENHAGEN, town, Prussia, XI. 183.
- GREIFSWALD, town, Prussia, XI. 183; university, XXIII. 842.
- GREIZ, or Greitz, town, Germany, XI. 184; XX. 493.
- GRENADA, island, West Indies, XI. 184; XXIV. 510.

- GRENADINE, woven fabric, XVII. 109.
 GRENADINES, islands, West Indies, XI. 184.
 GRENELLE, France, Artesian well at, II. 645.
 GRENoble, town, France, XI. 184; university, XXIII. 839.
 GRENVILLE, Lord (William Wyndham), English statesman, XI. 186.
 —, George, English statesman, XI. 185; VIII. 357.
 GRESHAM, Sir Thomas, London merchant, XI. 186.
 GRESHAM'S LAW, regarding coin, XVI. 731.
 GRESIK, town, Java, XIII. 606.
 GRESSET, Jean Baptiste, French poet, XI. 187.
 GRÉTRY, André Ernest Modeste, French musical composer, XI. 187.
 GREUZE, Jean Baptiste, French painter, XI. 188.
 GREVENMACHER, town, Luxemburg, XV. 87.
 GREVILLE, Charles Cavendish Fulke, English writer, XI. 189.
 GREVINCHOVIUS, Nicholas, Dutch theologian, I. 736.
 GREW, Nehemiah, English botanist and physiologist, XI. 189; on the sexes of plants, IV. 82.
 GREY, Second Earl, English statesman, XI. 190.
 —, Lord Arthur, lord-lieutenant of Ireland, XXII. 393.
 —, Sir George, on prison discipline, XIX. 752.
 —, George A., on reclaiming moorlands, I. 402.
 —, Lady Jane, XI. 193; VII. 686; VIII. 338, 339; XV. 593.
 —, Sir Ralph, degraded from knighthood, XIV. 125.
 —, Richard, his system of mnemonics, XVI. 533.
 GREYBEARD POTTERY, XIX. 631.
 GREYHEN, bird, XI. 222.
 GREYHOUNDS, VII. 327; coursing with, VI. 515.
 GREYLING, or Grayling (*q.v.*), XI. 78; II. 41.
 GREY POWDER, in therapeutics, XVI. 34.
 GREYTOWN, town, Nicaragua, Central America, XI. 194; XVII. 477.
 GREYWACKE, rock, X. 231, 237.
 GRIBBLE, crustacean, VI. 659.
 GRIBEAUVAL, Jean B. Vaquette de, French artilleryman, II. 658.
 GRIBOYEDOFF, or Griboiedoff, Alexander Sergueevich, Russian dramatist, XI. 194; XXI. 107.
 GRIDGI, town, Dahomey, Africa, VI. 764.
 GRIESBACH, spa, Germany, XVI. 434.
 —, Johann Jakob, German Biblical critic, XI. 194.
 GRIESBACH, John Henry, English symphonist, XVII. 97.
 GRIESELSTOCK, mountain, Switzerland, XXI. 465.
 GRIFFE, in architecture, II. 465.
 GRIFFIN, or Gryphon, legendary animal, XI. 195; V. 587.
 —, in heraldry, XI. 702.
 —, Gerald, Irish novelist and dramatist, XI. 195.
 GRIFFITH, William, Wesleyan seceder, XVI. 190.
 — AP CYNAN, Welsh prince, VII. 791.
 — GAUNT, Reade's novel, XX. 303.
 GRIGNAN, Madame de, daughter of Madame de Sévigné, XXI. 704.
 GRIGOROVICH, Dmitri Vasilievich, Russian novelist, XXI. 108.
 GRILLE, in architecture, II. 465.
 GRILLPARZER, Franz, German dramatist, XI. 196.
 GRILSE, young salmon, XXI. 224.
 GRIMACE, as medium of expression, XVIII. 767.
 GRIMALDI, Giovanni Francesco, Italian architect and painter, XI. 197.
 —, Joseph, pantomimist, XVIII. 216.
 GRIMANI, Marino, doge of Venice, XXIV. 146.
 GRIMES DYKE, Oxfordshire, England, XVIII. 94.
 GRIMM, Friedrich Melchior, Baron von, French writer, XI. 197.
 —, Jacob Ludwig Carl, German philologist, XI. 198; X. 543; his fairy tales, XXIII. 27; on comparative philology, XVIII. 781.
 —, Wilhelm Carl, German philologist, XI. 201; X. 543.
 GRIMMA, town, Saxony, XI. 202.
 GRIMMELSHAUSEN, Hans J. C. von, German writer, X. 531.
 GRIMM'S LAW, of correspondence of consonants, XI. 200; XX. 286.
 GRIMOALD, Guillaume de (Pope Urban V.), XXIV. 8.
 GRIMSBY, Great, town, England, XI. 202; its fisheries, IX. 249.
 GRINDAL, Edmund, archbishop of Canterbury, XI. 202.
 GRINDING MILLS, for flour, IX. 344.
 GRINDSTONE, XI. 203; Newcastle, XVII. 566.
 GRINGOIRE, Grignon, or Gringore, Pierre, mediæval poet, XI. 203; IX. 651.
 GRINNELL, Moses H., American promoter of Arctic exploration, XIX. 322.
 — ARCTIC EXPEDITION, XIII. 837.
 GRIPHOSAURUS, fossil bird, XVIII. 34.
 GRIQUALAND EAST, part of Kaffraria, South Africa, XIII. 817.
 GRIQUALAND WEST, province, South Africa, XI. 204; I. 270.
 GRISELDIS, The Patience of, romance, XX. 659.
 GRISON, carnivorous mammal, XV. 440.
 GRISONS, canton, Switzerland, XI. 204; XX. 504; XXII. 778, 794.
 GRISOPOLIS (Parma), mediæval town, Italy, XVIII. 314.
 GRISSEE (Gresik), town, Java, XIII. 606.
 GRIVEGNÉE, town, Belgium, XI. 205.
 GRIZZLY BEAR, III. 462.
 GROAT, coin, XVII. 655.
 GROCHOWO, Poland, Battle of (1831), XXIV. 376.
 GROCHOWSKI, Stanislaus, Polish poet, XIX. 300.
 GROCVN, William, English scholar, XI. 205; VIII. 414.
 GRODNO, government, Russia, XI. 206; XXI. 69; town, XI. 206.
 GROEN VAN PRINSTERER, Wilhelm, Dutch statesman and historian, XI. 206.
 GROIN, in architecture, II. 465.
 GROJEC, town, Russian Poland, XXIV. 375.
 GROLIER, Jean, his style of bookbinding, IV. 41.
 GROMIA, genus of Foraminifera, IX. 373.
 GROMIDEA, order of Protozoa, XIX. 845.
 GRONGAR HILL, Dyer's poem, VII. 580.
 GRONINGEN, town, Holland, XI. 206; university, XXIII. 850.
 GRONOV, or Gronovius, Jakob, Dutch scholar, XI. 207.
 —, or Gronovius, Johann Friedrich, German scholar and critic, XI. 207.
 GRONOVIVUS, J. F., Dutch naturalist, XIV. 673.
 GROOMBRIDGE, Stephen, his observatory, Blackheath, England, XVII. 711.
 GROOMING, of horses, XII. 192.
 GROOM OF THE STOLE, XXI. 37.
 GROOT, Albert (Albertus Magnus, *q.v.*), on alchemy, I. 464; on birds, XVIII. 3.
 —, Gerhard, founder of Brethren of the Common Life, XI. 207; XVI. 711; XVII. 134.
 —, Huig van (Grotius, *q.v.*), Dutch scholar and jurist, XI. 217.
 GROOVE-BILL, bird, XXIII. 477.
 GROS, Antoine Jean, Baron, French painter, XI. 208.
 GROSBEEK, bird, XI. 209; XXIV. 463.
 GROSE, Francis, English antiquary, XI. 209.
 GROSSBEEREN, Prussia, Battle of (1813), XVII. 220.
 GROSSE ISLE, quarantine station, Canada, XX. 167.
 GROSSENHAIN, town, Saxony, XI. 210.
 GROSSER BEERBERG, mountain, Germany, XXI. 347; XXIII. 332.
 GROSSETESTE, Robert, bishop of Lincoln, XI. 210; VIII. 373, 410; XXI. 427.

- GROSSETO, town, Italy, XI. 212.
 GROSSGEBAUER, Theophilus, German pietist, XIX. 83.
 GROSS-GÖRSCHEN, Prussia, Battle of (1813), XVII. 219.
 GROSSI, Tommaso, Italian poet and novelist, XI. 212.
 GROSSINGER, on birds, XVIII. 8.
 GROSSULARITE, variety of garnet, X. 82.
 GROSSWARDEIN, town, Hungary, XI. 212.
 GROS VENEUR, legend, XIII. 674.
 GROTE, George, English historian, XI. 212; his theory of the Greek sophists, XXII. 268.
 —, Harriet, English writer, XI. 216.
 GROTEFEND, Georg Friedrich, German philologist, XI. 217.
 GROTESQUE, The, in ancient and mediæval art, v. 103; in decoration, II. 234; in painting, IX. 69.
 GROTIUS, Hugo, Dutch scholar and jurist, XI. 217; his translations from the Anthology, II. 105; on the balance of power, III. 267; his ethical teaching, VIII. 596; Pufendorf's relation to, XX. 100.
 GROTON, town, Connecticut, U.S.A., XI. 221.
 GROTTAGLIE, town, Italy, XI. 221.
 GROTTOS, Egyptian, VII. 774; sacred, XXIII. 165.
 GROUND NUT, XI. 221; XVII. 664; of Senegal, XXI. 660.
 GROUND-NUT CAKE, XVII. 739.
 GROUND-NUT OIL, XVII. 744, 746.
 GROUND PARROT, of New Zealand, XIII. 825.
 GROUND RENT, XX. 403.
 GROUNDSEL, plant, XI. 221.
 GROUSE, bird, XI. 221; distribution of, III. 757.
 —, Sand, bird, XXI. 258.
 GROUSE-SHOOTING, XXI. 834.
 GROUTING, in building, IV. 462.
 GROVE, Sacred, XI. 223.
 GROVER, William A., improver of sewing machine, XXI. 719.
 GROVE'S ELECTRIC GAS BATTERY, VIII. 87.
 GROWTH, of animals, XVII. 686; vegetable, XIX. 57.
 GROYNÉ, The (Corunna), town, Spain, VI. 443.
 GROZNYI, town, Russia, XXIII. 186.
 GRUBB, Sir Howard, his micrometer, XVI. 244, 248; his telescopes, XXIII. 141, 148, 150.
 GRUBBER, agricultural implement, I. 312.
 GRUBER, Johann Gottfried, German scholar, XI. 224.
 GRUEBER, John, traveller in Tibet, XIV. 593.
 GRUFFYD AB CYNAN, Welsh prince, v. 319.
 GRUGRU NUT, XVII. 664.
 GRÜN, Anastasius (Count of Auersperg), Austrian poet, XI. 224; X. 546.
 —, Hans Baldung, German painter, XI. 224; as wood-engraver, VIII. 437.
 GRUNAUITE, mineral, XVI. 391.
 GRÜNBERG, town, Prussia, XI. 225.
 GRUNDTVIG, Nikolai Frederik Severin, Danish poet and statesman, XI. 225; VII. 92.
 GRÜNEBERG, town, Prussia, XI. 225.
 GRUNERITE, mineral, XVI. 418.
 GRUNEWALD, Mathias, German painter, XI. 225.
 GRÜNWALD, Prussia, Battle of (1410), XIX. 289.
 GRUOCH, wife of Macbeth, XV. 130.
 GRUSIANS, or Georgians, race of people, Caucasus, V. 257.
 GRUTER, Jan, Dutch scholar and critic, XI. 226.
 GRUYÈRE, district, Switzerland, XI. 226; IX. 764.
 — CHEESE, v. 456; XIII. 452.
 GRUYTÈRE, or Gruter, Jan, Dutch scholar and critic, XI. 226.
 GRYZOVETS, town, Russia, XXIV. 283.
 GRYPFE, river, Scotland, XX. 395.
 GRYLLIDÆ, group of insects, XIII. 152.
 GRYLLOTALPA VULGARIS, wheat pest, XXIV. 534.
 GRYNÆUS, Johann Jakob, German theologian, XI. 226.
 —, Simon, German theologian, XI. 226.
 GRYNER, Johan Jakob (Grynæus), German theologian, XI. 226.
 GRYPHIUS, Andreas, German poet and dramatist, XI. 226; VII. 440; X. 530.
 GRYPHON, legendary animal, XI. 195.
 —, in heraldry, XI. 702.
 GSEN-RABS, founder of Bon-pa religion, Tibet, XXIII. 344.
 GUACHARO, bird, XI. 227.
 GUACO, plant, XI. 227.
 GUADALAJARA, province, Spain, XI. 228; XXII. 298; town, XI. 228.
 —, town, Mexico, XI. 229; XVI. 214.
 GUADALAVIAR, river, Spain, XXIV. 33.
 GUADALHORCE, river, Spain, XV. 315.
 GUADALQUIVIR, river, Spain, XXII. 295.
 GUADALUPE MOUNTAINS, Texas, U.S.A., XXIII. 204.
 GUADANCAL, one of the Solomon Islands, South Pacific, XXII. 252.
 GUADARRAMA, Sierra de, Spain, XXII. 294.
 GUADELOUPE, island, West Indies, XI. 229; IX. 526; population, XXIV. 510.
 GUADIANA, river, Spain, XXII. 295.
 —, or Durango, town, Mexico, VII. 553.
 GUADIX, town, Spain, XI. 230.
 GUADUAS, town, Colombia, South America, XI. 230.
 GUAHAN, island, Ladrones, South Pacific, XIV. 199.
 GUAIACOL, product of wood distillation, XXIII. 57.
 GUAIAACUM, tree, XI. 230.
 GUAIRA, La, town, Venezuela, South America, XI. 242; XXIV. 140.
 GUAISHI, Nihon, Japanese historical work, XIII. 587.
 GUAITECAS ISLANDS, Patagonia, XVIII. 352.
 GUALDO TADINO, town, Italy, XI. 232.
 GUALEGUAY, town, Argentine Republic, XI. 232.
 GUALEGUAYCHU, town, Argentine Republic, XI. 232.
 GUAN, bird, XI. 232.
 GUANACO, ungulate mammal, XI. 232; I. 598; IV. 12; XIV. 739; of Patagonia, XVIII. 353; influence of domestication on, IV. 251.
 GUANAHAN, first American land sighted by Columbus, VI. 173.
 GUANAJUATITE, mineral, XVI. 393.
 GUANAJUATO, town, Mexico, XI. 233; XVI. 214; state, XVI. 214.
 GUAÑAPE, guano islet, Peru, XVIII. 671.
 —, town, Peru, XVIII. 674.
 GUANCABELICA, town, Peru, XII. 327.
 GUANCHES, people, Canary Islands, IV. 796.
 GUANO, XI. 233; I. 347; Peruvian deposits, v. 673; XVIII. 671, 675; introduction of, as manure, I. 305; manurial value of, XV. 511; sewage sludge so called, XXI. 712.
 GUANUCO, town, Peru, XII. 327.
 GUAO, or Guaco, plant, XI. 227.
 GUARANA, plant and fruit, XI. 235.
 GUARANIS, South-American Indians, I. 702; XII. 829; XVIII. 244.
 GUARANTEE, or Guaranty, in English law, XI. 236; distinguished from warranty, XXIV. 372.
 GUARAPO, drink from sugar-cane, IV. 264.
 GUARATINGUETA, town, Brazil, XI. 236.
 GUARDI, Francesco, Venetian painter, XI. 236.
 GUARDIAN, in law, XIII. 2; in Roman law, XVIII. 413; XX. 672, 688; the mother as, XXIV. 641.
 GUARIENTO, Italian painter, XI. 236.
 GUARINI, Giovanni Battista, Italian dramatist, XI. 236; VII. 418; XXIII. 78.
 GUARINO, or Guarinus, of Favors, Italian scholar, XI. 238.
 —, or Guarinus, of Verona, Italian scholar, XI. 238.
 GUARNERIUS, or Innerius, Italian jurist, XIII. 277.
 GUASTALLA, town, Italy, XI. 238.
 GUATEMALA, republic, Central America, XI. 238; I. 714; ancient state, XVI. 208; revolt against Spain (1820), I.

- 710; Indian tribes, XII. 828; railways, XX. 252.
- GUATEMALA, town, Guatemala republic, XI. 241.
- GUATIMOZIN, emperor of Mexico, VI. 442.
- GUATTERIA, tree, XIV. 259.
- GUAVA, fruit, XI. 242.
- GUAVIARE, affluent of Orinoco, South America, XVII. 843.
- GUAYANA, or Guiana (*q.v.*), territory, South America, XI. 249.
- GUAYAQUIL, town, Ecuador, South America, XI. 242; people and races of, I. 89.
- , river, Ecuador, VII. 646.
- GUAYAQUILLITE, mineral, XVI. 428.
- GUAYRA, La, town, Venezuela, South America, XI. 242; XXIV. 140.
- , Falls of, Brazil, IV. 222.
- GUAZA, or Ganja, hemp resin, III. 627; XI. 648.
- GUBBIO, town, Italy, XI. 242; VIII. 664; majolica ware of, XIX. 626.
- GUBBO, or Gumbo, plant, XI. 276.
- GUBEN, town, Prussia, XI. 243.
- GUCUMATZ, Legend of, Central America, XVI. 208.
- GUDALUR PASS, Nilgiri Hills, India, XVII. 509.
- , or Cuddalur, town, India, VI. 688.
- GUDBRAND LAAGEN, river, Norway, XVII. 575.
- GUDGEON, fish, XI. 243; angling for, II. 43.
- GUDRUN, German epic, X. 524.
- , heroine of the Nibelungenlied, XVII. 474.
- GUEBWILLER, or Gebweiler, town, German Alsace, X. 126.
- GUEJARITE, mineral, XVI. 394.
- GUELDERLAND, ancient duchy, Germany, XI. 243.
- , province, Holland, XI. 244.
- GUELDER ROSE, shrub, XI. 244.
- GUELDEERS, or Guelderland, ancient duchy, Germany, XI. 243.
- , town, Rhenish Prussia, XI. 244.
- GUELFs, Italian party, XI. 244; XIII. 472, 475; origin of, VIII. 558; in time of Dante, VI. 810; in Florence, IX. 333; in Rome, XX. 796; in Siena, XXII. 40.
- GUELPH, town, Ontario, Canada, XI. 245.
- GUÉMÉNÉ, town, France, XVI. 813.
- GUÉNAU DE MONTBEILLARD, Philibert, on birds, XVIII. 6.
- GUENDAR, or Gondar, town, Abyssinia, X. 770.
- GUÉNÉE, Antoine, French writer, IX. 669.
- GUÉRANDE, France, Treaty of (1365), IX. 547.
- GUERCINO, Barbieri, Italian painter, III. 364.
- GUÉRET, town, France, XI. 245.
- GUERICKE Otto von, German scientist, XI. 245; inventor of air-pump, I. 429; XIX. 246; discoverer of electric light, VIII. 4.
- GUÉRIGNY, town, France, XVII. 496.
- GUÉRIN, Eugénie de, French poetess, XI. 246.
- , Georges Maurice de, French poet, XI. 246.
- , Jean Baptiste Paulin, French painter, XI. 246.
- , Pierre Narcisse, French painter, XI. 246.
- DE MONTGLANE, romance, XX. 651.
- GUERNSEY, Channel Islands, England, XI. 247; newspapers of, XVII. 423.
- GUERRA, Aureliano Fernandez, Spanish writer, XXII. 362.
- DE GRANADA, Mendoza's work, XVI. 10.
- GUERRAS DE GRANADA, Perez de Hita's work, XX. 659.
- GUERRAZZI, Francesco Domenico, Italian writer and politician, XI. 248; XIII. 516.
- GUERRERO, town, Mexico, XI. 248; state, XVI. 214.
- GUERRIERO, or Guariento, Italian painter, XI. 236.
- GUESCLIN, Bertrand du, constable of France, VII. 517; IX. 547.
- GUEST, Lady Charlotte, on Welsh literature, V. 319.
- GUESTLING, Court of Brotherhood and, Cinque Ports, England, V. 787.
- GUEVARA, Antonio de, Spanish moralist, XI. 248; euphuism traceable to his Dial for Princes, XV. 104.
- , Luis Velez de, Spanish dramatist, XI. 248; XXII. 358.
- GUEVEI, pigmy antelope, II. 101.
- GUGAIRA, district, India, XVI. 789.
- GUGLER WAR, Switzerland (1374-75), XXII. 784.
- GUGLIELMI, Pietro, Italian musician, XI. 248.
- GUGLIELMINI, Domenico, on the motion of water, XII. 436.
- GUIANA, territory, South America, XI. 249.
- , British, South America, XI. 249; birds, XVIII. 16; forests, IX. 406; Indians, XII. 828; mines, XVI. 471.
- , Dutch, South America, XI. 251.
- , French, South America, XI. 253.
- CURRENT, III. 19.
- GUIBERT of Nogent, French theologian, XI. 255.
- of Ravenna (Clement III., anti-pope), XI. 255.
- GUICCIARDINI, Francesco, Italian historian and statesman, XI. 255; XIII. 509; his intercourse with Machiavelli, XV. 151.
- GUICCIOLI, Countess, her relations with Byron, IV. 610.
- GUICHARD of Beaulieu, Anglo-Norman writer, VIII. 407.
- GUICOWAR, or Gaikwar, Mahratta ruler, III. 381; XV. 290.
- GUIDE OF THE PERPLEXED, Maimonides's work, XV. 296.
- GUIDI, Carlo Alessandro, Italian poet, XI. 257.
- , Tommaso (Masaccio), Italian painter, XV. 605.
- GUIDICIONI, Giovanni, Italian poet, XI. 257; XIII. 509.
- GUIDIMAKHA, state, Senegambia, West Africa, XXI. 663.
- GUIDO of Arezzo, Italian musician, XI. 257; his alleged inventions in musical notation, XVII. 80.
- of Siena, Italian painter, XI. 258.
- DELLE COLONNE, Italian poet, XIII. 499; his Trojan history XX. 639.
- RENI, Italian painter, XX. 396; XXI. 437.
- GUIENNE, Old French province, XI. 258.
- GUIERS, river, France, XX. 528.
- GUIGNES, Joseph de, French Orientalist, XI. 258.
- GUI-HUA-TCHENG, or Kuku Khoto, town, China, XIV. 153.
- GUIJA, Lake, Guatemala, XI. 239.
- GUILD, GUILDS, XI. 259; VI. 39; IX. 780; as castes, V. 189; municipal, XVII. 30; of London, XIV. 819; of Lübeck, XV. 33; early scholastic, XXIII. 833; trade, II. 213; IV. 63; XIX. 353; effect of trade guilds on wages, XXIV. 310.
- GUILDFORD, town, England, XI. 262; XXII. 694.
- , town, Western Australia, XXIV. 508.
- , Earl of (John Maitland), statesman, XV. 308.
- , Earl of (Frederick North), English statesman, XVII. 553.
- GUILDHALL, London, XIV. 820.
- GUILLEMOT, bird, XI. 262.
- GUILLOTINE, for decapitation, XI. 263.
- , Joseph Ignace, French Revolutionist, XI. 263.
- GUIMARÃES, town, Portugal, XI. 264.
- GUINAND, Pierre Louis, manufacturer of optical flint glass, XXIII. 139.
- GUINEA, region, West Coast of Africa, XI. 264; climate of, I. 269; forests, IX. 408; Negroes, XVII. 316.
- CORN, Indian millet, VII. 564; XVI. 321.
- CURRENT, in Atlantic, III. 20.
- FOWL, bird, XI. 264; XIX. 646; XXIII. 657.
- GUINEA-GOOSE, bird, X. 778.
- GUINEA-GRAINS, drug and spice, XI. 36; XVIII. 517.
- GUINEAN SUBREGION, of birds, III. 759.
- GUINEA PEPPER, vegetable, XII. 280.

GUINEA-PIG, rodent mammal, v. 277; xv. 421.

GUINEA-WORM, parasitic nematoid worm, xvii. 325; xviii. 271.

GUINEGATE, France, Battle of (1479), ix. 553.

GUINEVERE, wife of King Arthur, xx. 647.

GUINGAMP, town, France, xi. 265.

GUINICELLI, Guido, Italian poet, xiii. 501.

GUION, or Guyon, Madame, French mystic, xi. 341; xvii. 134.

GUIPURE, variety of lace, xiv. 189.

GUIPUZCOA, province, Spain, xi. 265.

GUIRAUT DE BORNEIL, Provençal poet, xix. 874.

GUIRIA, town, Venezuela, xxiv. 140.

GUIRLANDE DE JULIE, collection of French poems, xx. 264.

GUIRON, in Arthurian romance, xx. 648.

GUISBOROUGH, town, England, xi. 265.

GUISCARD, Marquis de, his attempt to assassinate Harley, xviii. 100.

—, Robert, duke of Apulia, crusader, vi. 623; xiii. 470; xx. 596, 791.

GUISE, town, France, xi. 265.

—, House of, French noble family, xi. 265; ix. 557.

GUITAR, musical instrument, xi. 267.

GUIT-GUIT, bird, xxii. 628.

GUITONE D'AREZZO, Italian poet, xiii. 501, 502.

GUIZOT, François Pierre Guillaume, French historian and statesman, xi. 268; ix. 620, 681.

—, Madame, French Huguenot, xi. 268.

GUJARAT, or Guzerat, district, India, xi. 344.

GUJARS, Indian race, xii. 746.

GUJRANWALA, district, India, xi. 273; xx. 109; town, xi. 273.

GUJRAT, district, India, xi. 273; xx. 109; town, xi. 274; battle of (1849), xx. 112.

GULA, river, Norway, xvii. 575.

GULAB SINGH, ruler in Punjab, India, xx. 112.

GULDENMANN, Catherine, mother of Kepler, xiv. 47.

GULDIN'S THEOREMS, in mensuration, xvi. 28.

GULEDIG, the historic King Arthur, ii. 651.

GULF STREAM, Atlantic current, iii. 19; x. 219; xvii. 593; its influence on the temperature of Norway, xvii. 580; temperature of, xxiv. 510.

GULL, bird, xi. 274.

GULLET, Anatomy of the, vii. 223.

GULLIVER'S TRAVELS, Swift's work, xxii. 766.

GULMORE FORT, Donegal, Ireland, vii. 363.

GULO, genus of carnivorous mammals, x. 696; xv. 440.

GUM, xi. 275; in plants, iv. 88.

—, British, or Dextrin, vii. 146.

—, Orenburg, xiv. 310.

—, Sweet, or Liquidambar, xiv. 687.

GUMA, town, Turkestan, xxiv. 728.

GUMÆLIUS, Gustaf Vilhelm, Swedish novelist, xxii. 757.

GUM ARABIC, xi. 275.

GUMARAM KHOKH, mountain, Caucasus, v. 253.

GUM-BENJAMIN, or Benzoin, gum resin, iii. 581.

GUMBINNEN, town, Prussia, xi. 276.

GUMBO, plant, xi. 276.

GUM-DRAGON, incense, xii. 718.

GUMMITE, mineral, xvi. 388.

GUM-RESINS, xi. 276; xvii. 121.

GUMRI, town, Russian Armenia, xi. 277.

GUMTI, river, India, xvii. 572; xxii. 637.

GUM-TREES, iii. 110; viii. 649; xxiv. 216.

GUN, xi. 278. See Guns.

GUN-CARRIAGES, ii. 664; xi. 310.

GUN-COTTON, xi. 277; viii. 808, 811; blasting by, iii. 808.

GUNDAPHORUS, Parthian king, xxiii. 308.

GUNDLAKAMMA, river, India, xvii. 320.

GUNDULITSCH, or Gundulic, Ivan, Dalmatian poet, xi. 278; xxi. 690.

GUNGOH (Gangoh), town, India, xxi. 152.

GUNIB, mountain, Caucasus, v. 254.

GUNJA, or Ganja, hemp resin, iii. 627; xi. 648.

GUNMAKING, xi. 278; xxi. 833.

GUN METAL, Strength of, xxii. 603.

GUNNAR, hero of the Nibelungenlied, xvii. 474.

GUNNER, Naval, his duties, xvii. 293.

GUNNERUS, Johan Ernst, Norse botanist, xvii. 590.

GUNNERY, xi. 297; rangefinder, xxiii. 126; sighting, xxii. 46; Robins's experiments in, xx. 607.

GUNNY, cloth, xi. 315; xiii. 801.

GUNONG, Malay word for mountain, xiii. 601; xv. 321.

GUNPOWDER, xi. 316; viii. 807; discovery of, by the Arabs, ii. 265; first use of, ii. 655; early notices of, ii. 557; knowledge of, ascribed to Anthemius, ii. 103; work done by, xi. 293.

— PLOT (1605), England, ix. 57; xiii. 558.

GUNS, xi. 278, 297; ancient, ii. 557; field, of steel bronze, iv. 366; naval, xvii. 286; for sporting, xxi. 832.

GÜNS, town, Hungary, xi. 330.

GUNTER, Edmund, English mathematician, xi. 330; xxiii. 562; his navigation tables, xvii. 255.

GUNTER'S CHAIN, of 100 links, for surveying, xxii. 708.

GUNTHAMUND, Vandal king, xxiv. 59.

GUNTHER, hero of the Nibelungenlied, xvii. 475.

GÜNTHER, counts of Schwarzburg, xxi. 462.

—, Johann Christian, German poet, xi. 331; x. 532.

GUNTOOR, town, India, xi. 331.

GUOTODIN, district, Celtic Britain, v. 301.

GUPTAS, Indian dynasty, xii. 790.

GURABO, town, Porto Rico, xix. 532.

GURAGUÉ, language, North-East Africa, xxi. 656.

GURAN, Kurdish dialect, xiv. 157.

GURANS, tribe, Kurdistan, xiv. 159.

GURDASPUR, district, India, xi. 331; xx. 109.

GURGAN, river, Persia, xviii. 620.

GURGAON, district, India, xi. 331; xx. 109.

GURGOYLE, or Gargoyle, in architecture, ii. 465.

GURHWAL, or Garhwal, district, India, x. 80.

GURIANS, race of people, Caucasus, v. 257.

GURIEFF, town, Russia, xxiv. 6.

GUR KHAN, ruler, in Central Asia, xix. 716.

GURKHAS, or Goorkhas, Nepalese race, xii. 805; xvii. 341.

GURNALL, William, English divine, xi. 332.

GURNARD, fish, xi. 332; ix. 352.

GURNEY, Elizabeth (Mrs E. Fry), English philanthropist, ix. 804.

—, John Joseph, English Quaker, xx. 149.

—, Thomas, English stenographer, xxi. 837.

GURNIGEL, spa, Switzerland, xvi. 435.

GURU, priest, or spiritual guide, in Nepal, xvii. 342; of the Sikhs, xx. 110; in Tibet, xxiii. 343.

GURUNGS, Nepalese race, xvii. 341.

GUSEVSK, village, Russia, xxiv. 271.

GUSTATORY NERVES, i. 896; xxiii. 79.

GUSTAVIA, town, St Bartholomew, West Indies, xxi. 159.

GUSTAVUS I., Vasa, king of Sweden, xi. 333; xxii. 747.

— II., Adolphus, of Sweden, xi. 333; ix. 77; xxii. 748; use of artillery by, ii. 656; battle-song of, xii. 586; death of, at Lützen (1632), iii. 125; his influence on France, ix. 569; on Germany, x. 500; his patronage of Oxenstierna, xviii. 92; as Swedish writer, xxii. 755.

— III., of Sweden, xi. 335; xxii. 751, 756; assassination of, ii. 59.

— IV., of Sweden, xi. 335; xxii. 752.

— ADOLPHUS UNION, German Protestant society, xi. 335.

- GÜSTROW, town, Germany, XI. 336.
 GUTACH, mountain and waterfall, Black Forest, Germany, XXIV. 700.
 GUTENBERG, John, early printer, XI. 336; XXIII. 684, 687.
 GUTHRIE, Thomas, Scottish divine and philanthropist, XI. 336.
 GUTHRUM, Danish king, in England, VIII. 284; his baptism, I. 506.
 GUTIERREZ, Garcia, Spanish dramatist, XXII. 361.
 GUTS - MUTHS, Johann Christoph Friedrich, German teacher, XI. 337.
 GUTTA PERCHA, XI. 337.
 GUTTE, in heraldry, XI. 697.
 GUTTER, in architecture, II. 466.
 GUTU, ancient people, Assyria, XIV. 159.
 GUTZKOW, Karl, German novelist and dramatist, XI. 339; X. 545.
 GÜTZLAFF, Karl Friedrich August, German missionary to China, XI. 340.
 GUY of Brionne, Norman lord, XVII. 543.
 —, Thomas, founder of Guy's Hospital, London, XI. 341.
 — DE CHAULIAC, French surgeon, XXII. 675.
 — OF WARWICK, old English romance, XI. 341; XX. 658.
 GUYANA, or Guiana, territory, South America, XI. 249.
 GUVANDOTTE, river, West Virginia, U.S.A., XXIV. 518.
 GUY FAWKES'S DAY, IX. 58.
 GUYON, Madame, French mystic, XI. 341; XVII. 134.
 GUY'S CLIFF, Warwickshire, England, XXI. 738.
 GUYTON DE MORVEAU, Louis Bernard, Baron, French chemist, XI. 343.
 GUZARATI LANGUAGE, Dictionaries of, VII. 191.
 GUZEL-HISSAR, or Aidin, town, Turkey in Asia, I. 425.
 GUZERAT, district, India, XI. 344.
 GUZMAN (St Dominic, *q.v.*), founder of Dominicans, VII. 353.
 —, Luiza de, wife of John IV. of Portugal, XIX. 548.
 —, Perez de, Spanish chronicler, XXII. 354.
 — BLANCO, colony, Venezuela, XXIV. 140.
 GUZMICS, Izidor, Hungarian theologian, XI. 344.
 GWAEN, river, Wales, XVIII. 481.
 GWALIOR, state, India, XI. 345; policy of Ellenborough towards, VIII. 147; town, XI. 345.
 GWASH, river, England, XXI. 114.
 GWENNAP, Cornwall, England, Adit at, I. 154.
 GWILT, Joseph, English architect, XI. 346.
 GWYNIAD, fish, XI. 346; XIX. 650; XXI. 223.
 GYA, or Gaya, district, India, X. 120; town, X. 121.
 GYAMTSO, Sangje, regent of Tibet, XIV. 503.
 GYARMAT, Balassa, town, Hungary, XI. 346.
 —, Füzes, town, Hungary, XI. 346.
 GYARMATHA, town, Hungary, XI. 346.
 GYARUNG, Tibetan tribe, XXIII. 344.
 GYERGO-SZENT-MIKLOS, town, Hungary, XI. 347.
 GYGÆAN LAKE, Asia Minor, XV. 98.
 GYGES, Lydian king, XI. 347; XV. 98; XXII. 186.
 GYGIS, genus of birds, XXIII. 189.
 GYLIPPUS, Spartan general, XXII. 370; in Sicily, XXII. 815.
 GYLLEMBOURG-EHRENSVÄRD, Baroness, Danish writer, XI. 347; VII. 92.
 GYLLENBORG, Gustaf Frederik, Swedish poet, XXII. 756.
 GYLLOFER, or Gillyflower, plant, X. 601.
 GYMNASIUM, Greek, XI. 347; Olympian, XVII. 767; modern, XI. 348.
 GYMNASTICS, XI. 348.
 GYMNITE, mineral, XVI. 414.
 GYMNABELIDEUS, genus of marsupial mammals, XVIII. 729.
 GYMNOLASTEA-ANTHOMEDUSÆ, order of Hydrozoa, XII. 560.
 GYMNOLEMA, order of Polyzoa, XIX. 437.
 GYMNOMYXA, grade of Protozoa, XIX. 839.
 GYMNOSOMATA, order of Mollusca, XVI. 666.
 GYMNOSPERMÆ, class of plants, XXIV. 131.
 GYMNOTUS, genus of fishes, VII. 694.
 GYMPIE, gold mines, Queensland, XX. 173.
 GYNÆOCRACY, supremacy of women, VIII. 618.
 GYNÆCOLOGY, branch of medicine, XV. 797.
 GYOMA, town, Hungary, XI. 350.
 GYÖNGYÖS, town, Hungary, XI. 350.
 GYÖNGYÖSI, István, Hungarian poet, XI. 351.
 GYÖR, or Raab, town, Hungary, XX. 190.
 GYPAETIDÆ, family of birds, XXIV. 302.
 GYPAETUS, genus of birds, XIV. 243.
 GYPSUM, mineral, XI. 351; X. 228, 232; XIV. 648; XVI. 401; as manure, I. 351; beds of, in Texas, XXIII. 204; quarries of, XVI. 454.
 GYRALDUS, Lilius Gregorius, Italian scholar, X. 620.
 GYRENCEPHALA, division of Mammalia, XV. 444.
 GYRFALCON, bird, IX. 3.
 GYROLITE, mineral, XVI. 421.
 GYRON, in heraldry, XI. 697.
 GYROSCOPE, scientific instrument, XI. 351.
 GYROSTAT, scientific instrument, XI. 353.
 GYROVAGI, Eastern ascetics, XVI. 701.
 GYTHIUM, ancient town, Greece, XI. 354.
 GYULA, town, Hungary, XI. 354.
 GYULAI, Paul, Hungarian poet, XII. 378.
 GZHATSK, town, Russia, XXII. 183.
 H, the eighth letter of the alphabet, XI. 355.
 HAARDT PLATEAU, Germany, X. 448.
 HAARFAGER (Fairhaired), Harold, king of Norway, XI. 484; XVII. 585.
 HAARLEM, town, Holland, XI. 355; invention of printing at, XXIII. 689, 692.
 — MEER, Holland, Drainage of, XI. 356.
 HAARLINGEN, town, Holland, XI. 480.
 HAAS, Spring, rodent mammal, XIII. 626.
 HABAKKUK, Old Testament prophet, XI. 356.
 HABANA, or Havana, town, Cuba, XI. 524; VI. 678.
 HABBABLI, Rabbi, Talmudist, XXIII. 37, 39.
 HABEAS CORPUS, in English law, XI. 358; VIII. 345.
 HABERT, Isaac, French theologian, his propositions on Jansenism, XIII. 566.
 HABIB IBN AUS ET-TAI, or Abu-Teman (*q.v.*), Arabian anthologist, XI. 402.
 HABINGTON, William, English poet, XI. 359.
 HABROPTILA, genus of birds, XVI. 808.
 HABSBURG, or Hapsburg (*q.v.*), Austrian dynasty, XI. 453.
 HACHETTE, Jean Nicolas Pierre, French mathematician, XI. 359; his experiments on the motion of fluids, XII. 438.
 —, Louis Christophe François, French publisher, XI. 360.
 HACHI-ISHI (Nikko), town, Japan, XVII. 503.
 HACHIJO, island, Japan, XIII. 569.
 HACHURE, hill-shading, in surveying, XXII. 709.
 HACK, horse, XII. 190.
 HACKBERRY, tree, XI. 360.
 HACKMATAK, tree, XIV. 312; XXIII. 809.
 HACKNEY, borough, London, XIV. 821.
 — COACHES, V. 135.
 HACO, or Hakon, kings of Norway, XI. 360. See Hakon.
 HA-COHEN, David, Spanish rabbi, VI. 843.
 HADAD, Syrian god, XI. 360.
 HADADRIMMON, Syrian god, XI. 361.
 HA DANI (Eldad ben Malchi), Jewish traveller, VII. 827.
 HADCHICH, Yovan, Servian writer, XXI. 691.
 HADDAYAN, Mosheh b. Maimun (Maimonides), Jewish writer, XV. 295.
 HADDINGTON, county, Scotland, XI.

- 361; area and population, XXI. 528; representation, XXIII. 727; town, XI. 362.
- HADDOCK, fish, XI. 363; XII. 691.
- HADENDOA, race, Nubia, XXII. 615.
- HADERSLEBEN, town, Prussia, XI. 363.
- HADES, in Christian eschatology, VIII. 536; XX. 114; limbus infantum, XIV. 646.
- , or Pluto, in Greek mythology, XIX. 235.
- HADHAZ, Hajdu, town, Hungary, XI. 377.
- HADI (Musa), caliph, XVI. 581.
- HADITH, Moslem legal traditions, XVI. 594.
- HADJI KHALFA, Arabic writer, XI. 377.
- HADLEIGH, town, England, XXII. 622.
- HADLEY, John, improver of the sextant, XXI. 725; his quadrant, XVII. 441; his telescope, XXIII. 137.
- HADRAMAUT, district, Arabia, II. 238; probable home of the Minæans, XXIV. 740.
- HADRIA (Atri), ancient town, Italy, III. 50.
- HADRIAN, or Adrian, I., pope, I. 165; XX. 786.
- II., pope, I. 165; XIX. 497.
- III., pope, I. 165.
- IV., pope, I. 165; XIX. 500; XX. 793.
- V., pope, I. 165.
- VI., pope, I. 166; XIX. 504; tutor to emperor Charles V., v. 413; viceroy of Spain, XXII. 328.
- , Roman emperor, XI. 363; XX. 772, 775; at Athens, III. 9; in Britain, IV. 353; his invasion of Caledonia, XXI. 471; mausoleum of, II. 419; palace of, at Rome, XX. 824.
- , Wall of, XI. 364; XXI. 471.
- HADRIANOPOLIS, town, Thrace, XXIII. 318.
- HADRIAN'S VILLA, Tibur, Italy, II. 419; XXIII. 421.
- HADRUMETUM, ancient town, Tunis, XI. 366; XXII. 723.
- HAECKEL, Ernst, his biogenetic law, XX. 422; on evolution, VIII. 749, 764; on morphology, XVI. 840; his zoological classification, XXIV. 810.
- HÆMADROMOMETER, for measuring velocity of the blood, XXIV. 97.
- HÆMATIN, colouring principle of logwood, XIV. 805.
- HÆMATITE, mineral, XVI. 385; ores of, XIII. 286.
- STEEL COMPANY, Barrow, England, III. 395.
- HÆMATOBLASTS, in pus formation, XVIII. 365.
- HÆMATOPINUS, genus of insects, XV. 24.
- HÆMATOPUS, genus of birds, XVIII. 111.
- HÆMATOXYLIN, colouring principle of logwood, XIV. 805.
- HÆMATOXYLON, genus of trees, XIV. 805.
- HÆMATURIA, Endemic, disease, XVIII. 271.
- HÆMOGLOBIN, constituent of red corpuscles of blood, I. 845; V. 579; XIII. 359; XX. 483.
- HÆMOPHILIA, disease, XVIII. 375.
- HÆMORRHAGE, in surgery, XXII. 681.
- HÆMORRHOIDS, or Piles, disease, XI. 366; XXII. 684.
- HÆMUS, mountain range, Thrace, III. 282; XXIII. 318.
- HAFFS, bays of the Baltic Sea, III. 294.
- HAFIZ, Persian poet, XI. 367; XVIII. 659.
- HAFSITES, dynasty, Tunis, XXIII. 621.
- HAFT DAST, palace, Ispahan, Persia, XIII. 394.
- HAFT PAIKAR, poem by Nizami, XVII. 522.
- HAGADA, or Agadah (*q.v.*), of the Midrash, XI. 743.
- HAGEDORN, Friedrich von, German poet, XI. 368; X. 533.
- HAGELBERG, Prussia, Battle of (1813), XVII. 220.
- HAGEN, town, Prussia, XI. 369.
- , hero of the Nibelungenlied, XVII. 475.
- , Friedrich Heinrich von der, German writer, XI. 369.
- HAGENAU, town, Alsace, Germany, XI. 369.
- HAGENBACH, Karl Rudolf, German church historian, XI. 369.
- , Peter von, officer of Charles the Bold, v. 425; in Switzerland, XXII. 786.
- HAGERSTOWN, town, Maryland, U.S.A., XI. 370; XV. 603.
- HAG-FISH, XI. 370.
- HAGGADAH, or Agadah (*q.v.*), of the Midrash, XVI. 285.
- SHEL PESAH, Midrash, XVI. 286.
- HAGGAI, Old Testament prophet, XI. 370; XIII. 418.
- HAGHE, Louis, lithographic artist, XIV. 701.
- HAGIAR KIM, Phœnician ruins, Malta, XV. 341.
- HAGIOGRAPHIA, part of the Hebrew canon, III. 635; targums of the, XXIII. 62, 64.
- HAGUE, The, town, Holland, XI. 371; libraries of, XIV. 531; pictures, XXI. 446.
- HAHN, August, German theologian, XI. 373.
- , Johann Georg von, Austrian traveller, XI. 373; on popular tales, XXIII. 28.
- HAHNEMANN, Samuel Christian Friedrich, founder of homœopathy, XI. 373; XII. 126; his system of medicine, xv. 814.
- HAHN-HAHN, Ida, German novelist, x. 545.
- HAHOLT, countship, Germany, XIV. 683.
- HAIATHALAH, people, Central Asia, XVIII. 101.
- HAIDAR, Shaikh, ruler of Persia, XVIII. 634.
- HAIDARABAD, or Hyderabad, district, Sind, India, XII. 429; town, XII. 430.
- , or Hyderabad, territory, Central India, XII. 428; town, XII. 429.
- HAIDAR ALI, or Hyder Ali, Mahometan leader, India, XII. 427.
- HAIDAS, people, Queen Charlotte Islands, XX. 170; XXIII. 469.
- HAIDHAUSEN, suburb of Munich, Bavaria, XVII. 24.
- HAIDINGER, Wilhelm von, Austrian mineralogist, XI. 373.
- HAIDINGERITE, mineral, XVI. 404.
- HAI-DZUONG, town, Tong-King, VI. 96.
- HAIKAN LANGUAGE, Armenian, II. 549.
- HAIKH, or Armenia, country, Asia, II. 546.
- HAIL, XVI. 132; formation of, x. 280.
- HAILES, Sir David Dalrymple, Lord, Scottish judge and historian, XI. 374; XXII. 446.
- HAILLAN, B. de Girard du, French historian, IX. 653.
- HAIMBURG, or Hainburg, town, Austria, XI. 376.
- HAINAN, island, China, XI. 374; birds of, III. 762.
- HAINAU, town, Prussia, XI. 375.
- HAINAULT, province, Belgium, XI. 375.
- HAINBUND, Göttingen school, in German literature, x. 540.
- HAINBURG, town, Austria, XI. 376.
- HAINICHEN, town, Saxony, XI. 376.
- HAI-PHONG, town, Tong-King, XXIII. 440.
- HAIR, I. 898; II. 111; XXII. 107; colouring of, III. 825; false, XXIV. 560; loss of, XXII. 121; of the Negro, XVII. 317; of mammals, XV. 347; for manufacture, XI. 376; XXIV. 653; of plants, IV. 90; XII. 17.
- HAIRBELL, or Harebell, plant, XI. 478.
- HAIR-SALT, mineral, XVI. 401.
- HAIR-TAIL, fish, XI. 377.
- HAIR-WORMS, nematode worms, XVII. 325.
- HAISCIN, or Gaissin, town, Russia, x. 16.
- HAITHAM IBN ADI, Arab historian, XXIII. 3.
- HAITI, or Hayti (*q.v.*), island, West Indies, XI. 543; XXIV. 510, 511.
- HAI, or Hajj (*q.v.*), Moslem pilgrim caravan, VI. 792.
- HAJDUK, district, Hungary, XI. 377.
- HAJE, asp of Egypt, II. 714.
- HAJEEPOOR (Hajipur), town, India, XI. 377; district, XVII. 114.
- HAJEK, Bohemian chronicler, XXII. 152.

- HAJIPUR, town, India, XI. 377; district, XVII. 114.
- HAJJ, Mohammedan pilgrims, v. 84; VI. 792; XVI. 592; at Mecca, XV. 674.
- HAJJAJ BEN YUSUF, Moslem general, XVI. 571.
- HAJJI BABA, Morier's work, XVIII. 649.
- HAJJI KHALFA, Arabic writer, XI. 377.
- HAKE, fish, XI. 378; XII. 691.
- HAKEA, tree, New South Wales, XVII. 410.
- HAKIM, Fatimite caliph, XI. 378; VII. 751; founder of the Druses, VII. 484.
- , district chiefs, Persia, XVIII. 628.
- AL-MOKANNA, the Veiled Prophet, Moslem pretender, XVI. 44, 580, 608.
- SANAI, Persian writer, XVIII. 658.
- HAKKO, river and lagoon, Togo-land, West Africa, XXIII. 432.
- HAKLUYT, Richard, English geographer, XI. 378; X. 183.
- HAKODADI, or Hakodate, town, Japan, XI. 379; XIII. 578.
- HAKON, or Haco, the Good, king of Norway, XI. 360; XVII. 585.
- , the Great, jarl or earl of Norway, XVII. 586.
- , grandson of Sverri, king of Norway, XI. 360; XVII. 588; his Scottish expedition (1263), XXI. 485.
- , Magnusson, king of Norway (d. 1319), XVII. 589.
- HAKONE, lake, Japan, XIII. 572.
- HAKPEN-HILL, England, Megaliths on, III. 144.
- HAL, town, Belgium, XI. 379.
- HALA, town, India, XI. 379.
- HALACHA, or Halakhah, of the Midrash and Mishnah, XI. 742; XVI. 285, 503.
- HALAS, town, Hungary, XI. 380.
- HALBERSTADT, town, Prussia, XI. 380; XXI. 360.
- HALBERT, weapon, XI. 380.
- HALCON, mountain, Philippine Islands, XVIII. 748.
- HALCYON, bird, XIV. 82.
- HALDANE, James Alexander, Scottish evangelist, XI. 380; XXI. 537.
- , Robert, Scottish evangelist, XI. 381; XXI. 537.
- HALE, Sir Matthew, English lord chief-justice, XI. 381; on the poor laws, XIX. 469.
- HALEB (Aleppo), town, Syria, I. 477.
- HALEK, Vitezslav, Bohemian poet, XXII. 152.
- HALES, Stephen, English physiologist and inventor, XI. 382; on the composition of the atmosphere, v. 461; his contributions to vascular physiology, XXIV. 97.
- HALESOWEN, town, England, XXIV. 666.
- HALET, dervishes' ecstasy, VII. 114.
- HALÉVY, Jacques François Fromental, French musician, XI. 382.
- HALFA, Wady, town, on the Nile, Africa, XVII. 507.
- HALFDAN, the Black, Norse king, XVII. 585.
- HALFLANGS, cross breed of sheep, I. 393.
- HALIACMON (Vistritza), river, Macedonia, XV. 137.
- HALIAETUS, genus of birds, VII. 590.
- HALIBURTON, Thomas Chandler (Sam Slick), Nova-Scotian satirist, XI. 383.
- HALIBUT, or Holibut, fish, XII. 58, 692.
- HALICARNASSUS, ancient town, Asia Minor, XI. 383; mausoleum at, II. 413.
- HALICHERUS, genus of seals, XV. 443; XXI. 581.
- HALICORE, genus of cetacean mammals, VII. 516; XV. 390.
- HALICZ, or Galitch, town, Russia, X. 37.
- HALIDES, Acid, in chemistry, v. 571.
- HALIDOME, sacred object on which oaths are taken, XVII. 700.
- HALIDON HILL, England, Battle of (1333), XXI. 489.
- HALIEUTICA, Oppian's poem, XVII. 797.
- HALIFAX, town, England, XI. 384; population and representation, XXIV. 748.
- , town, Nova Scotia, XI. 385; XVII. 603.
- , Earl of (Charles Montague), English statesman and poet, XI. 385; his relations with Newton, XVII. 445.
- , Marquis of (George Savile), English statesman and writer, XI. 386.
- HALIMAT EL KABU, mountain, Syria, XIV. 394.
- HALIOTIS, genus of Mollusca, XVI. 645; XVII. 2.
- HALISARCINA, order of sponges, XXII. 422.
- HALITE, mineral, X. 228; XVI. 384.
- HALITHERIUM, genus of extinct sirenian mammals, XV. 391.
- HALL, in architecture, II. 466.
- , town, Austria, XI. 388; mineral water of, XVI. 434.
- , town, Württemberg, XI. 388.
- , Basil, British traveller and writer, XI. 388.
- , Charles Francis, American Arctic explorer, XI. 388; XIX. 323.
- , Chester Moor, his achromatic telescopes, XXIII. 137.
- , Edward, English lawyer and chronicler, XI. 389.
- , Sir James, of Dunglass, Scottish geologist, XI. 388.
- , James, American judge and writer, XI. 389.
- , John, Shakespeare's son-in-law, XXI. 765.
- , Joseph, bishop of Exeter and Norwich, XI. 389; XVI. 328.
- , Marshall, English physician, XI. 390; XV. 817; on restoration of the apparently drowned, VII. 475.
- , Robert, English pulpit orator, XI. 390.
- HALLA, or Hala, town, India, XI. 379.
- HALLAM, Arthur Henry, son of the historian, XI. 393.
- , Henry, English historian, XI. 393.
- HALLAND, county, Sweden, XXII. 741.
- HALLAR, district, India, XIV. 15.
- HALLAU, district, Switzerland, XXI. 386.
- HALLE, town, Prussia, XI. 395; XXI. 360; university of, XIX. 83; XXIII. 847.
- , or Hall, Edward, English lawyer and chronicler, XI. 389.
- HALLECK, Fitzgreene, American poet, XI. 396.
- , Henry Wager, American general, XI. 396.
- HALLENBERG, Jonas, Swedish historian, XXII. 758.
- HALLER, Albrecht von, Swiss anatomist and physiologist, XI. 396; XV. 813; as anatomist, I. 814; his contributions to embryology, VIII. 164; to zoological study, XXIV. 815; as poet, X. 533; XXII. 797.
- , Gottlieb E., Swiss historian, XXII. 799.
- HALLEY, Edmund, English astronomer, XI. 397; his method of calculating value of an annuity, II. 79; his astronomical observations, II. 756; his comet, II. 814; VI. 193; diving bell, VII. 294; on logarithmic tangents, XVII. 256; on porisms, XIX. 520; his correspondence with Newton, XVII. 442.
- HALLGRIMSSON, Jonas, Icelandic writer, XXI. 369.
- HALLIDAY, Joseph, musical instrument maker, XVII. 778.
- HALL-MARKS, on silver, XIX. 186.
- HALLOMYS, genus of rodent mammals, XVII. 6.
- HALLOPODA, order of fossil reptiles, XX. 443.
- HALLOWEVEN, or Hallowe'en, vigil of All Saints day, XI. 398.
- HALLOWMAS, All Saints day, I. 578; XI. 398.
- HALLOYSITE, mineral, XVI. 424.
- HULLUCINATION, in insanity, XIII. 105.
- HALLUIN, town, France, XI. 398.
- HALLUX, or Great Toe, I. 830; of apes, II. 148.
- HALLWYL, lake, Switzerland, XXII. 777.
- HALMAHERA (Jilolo), island, Indian Archipelago, XIII. 692.
- HALMSTAD, town, Sweden, XI. 398.
- HALO, luminous ring, XI. 398; XIV. 597.
- HALOGENS, in chemistry, v. 490; determination of, v. 547.
- HALOID ETHERS, in chemistry, v. 564.
- HALS, Dirk, Dutch painter, XI. 400.
- , Frans (1584-1666), Dutch painter, XI. 399; XVIII. 58.

- HALS, Frans (c. 1622-1669), Dutch painter, XI. 400.
- HALSTEAD, town, England, XI. 400.
- HALTICA, genus of insects, XXIII. 668.
- HALY, Persian physician, XV. 805.
- HALYBURTON, Andrew, early Scottish writer, XXI. 541.
- , Thomas, Scottish divine, XI. 400.
- HALYS (Kizil Irmak), river, Asia Minor, II. 707; XVIII. 227.
- HAM, of Scripture, XI. 401; XVII. 523.
- , town, France, XI. 401; Louis Napoleon's imprisonment at, XVII. 227.
- HAMADAN, town, Persia, XI. 401; VII. 621; XVIII. 626, 628; colossal lion at, XVIII. 564.
- HAMADRYADS, in Greek mythology, VII. 487; XVII. 688.
- HAMADRYAS, genus of snakes, XXII. 196.
- HAMAH, town, Syria, XI. 401.
- HAMALANT, early German state, XXI. 215.
- HAMAMET, or Hammamet, town, North Africa, XI. 366; XXIII. 620.
- HAMAN, of Scripture, VIII. 560.
- HAMANN, Johann Georg, German philosopher and theologian, XI. 402; XVII. 135.
- HAMARTITE, mineral, XVI. 383.
- HAMASAH, or Hamasa, collection of Arabic poems, XI. 402; I. 61; II. 263; XVI. 539, 595.
- HAMATH, or Hamah, town, Syria, XI. 401; XXII. 822.
- HAMBATO, or Ambato, town, Ecuador, I. 659.
- HAMBURG, state, Germany, XI. 403.
- , free city, Germany, XI. 404, 450; libraries, XIV. 546; newspapers, XVII. 429; observatory, XVII. 712.
- HAM COMMON, town, England, XXII. 694.
- HAMELN, town, Hanover, Germany, XI. 409.
- HAMERLING, Robert, German poet, X. 546.
- HAMESUCKEN, crime, in Scots law, IV. 534.
- HAMI, town, Central Asia, XI. 409.
- HAMID BEY, Turkish dramatist, XXIII. 656.
- HAMILCAR BARCA, Carthaginian general, XI. 409; XX. 747; in Spain, XXII. 305.
- HAMILTON, town, Scotland, XI. 410.
- , town, Bermudas, III. 599.
- , town, Ontario, Canada, XI. 411; XVII. 775.
- , town, New York, U.S.A., XI. 411.
- , town, Ohio, U.S.A., XI. 411.
- , town, Victoria, XI. 411.
- , river, Labrador, XIV. 175.
- , Mount, California, XXIII. 801;
- telescope in observatory on, XXIII. 151.
- HAMILTON, Alexander, American jurist and statesman, XI. 412; XIX. 384; XXIII. 755; his historical sketches, I. 721.
- , Anthony, French courtier and writer, XI. 414, 44.
- , Arthur, assassin of the regent Murray, XVII. 62; XXI. 506.
- , Elizabeth, Scottish authoress, XI. 414.
- , Emma, Lady, friend of Lord Nelson, XI. 421; XVII. 323; XX. 839.
- , James, teacher of languages, XI. 415.
- , John, archbishop of St Andrews, early Scottish writer, XXI. 541.
- , Patrick, Scottish Reformer and martyr, XI. 415; his influence on Alesius, I. 478.
- , Robert, Scottish political economist, XI. 415.
- , Thomas, Scottish novelist and critic, XI. 416.
- , William (1704-1754), Scottish poet, XI. 421.
- , Sir William (1730-1803), antiquary and art collector, XI. 420.
- , Sir William (1788-1856), Scottish metaphysician, XI. 416; on aesthetics, I. 222; on analogy, I. 791; his criticism of Cousin, VI. 527; on induction and deduction, I. 797; his relation to Jacobi's theories, XIII. 537; his logic, XIV. 799; on mental reproduction, II. 730; his view of psychology, XX. 38; on scepticism, XXI. 382.
- , William Gerard, English politician, IV. 540.
- , Sir William Rowan, mathematician, XI. 421; on the solution of equations, I. 516; his invention of the hodograph, XII. 41; his investigations on light, XIV. 597; inventor of quaternions, XX. 160.
- COLLEGE, New York, Observatory at, XVII. 715.
- HAMILTONIAN SYSTEM, of teaching languages, XI. 415.
- HAMIRPUR, district and town, India, XI. 423.
- HAMITIC LANGUAGES, XVIII. 778; their relation to Semitic, XXI. 642.
- HAMLET, or Amleth, prince of Denmark, XI. 423.
- , Shakespeare's play, XXI. 764.
- HAMM, town, Prussia, XI. 424.
- HAMMAD, Arabic rhapsodist, XVI. 536.
- HAMMAM AL-ANF, spa, Tunis, XXIII. 620.
- HAMMAMET, town, Tunis, XXIII. 620.
- HAMMARSKÖLD, Lorenzo, Swedish writer, XI. 424; XXII. 757.
- HAMME, town, Belgium, XI. 424.
- HAMMER, XI. 425.
- , Steam, IX. 413; XIII. 328.
- HAMMERED METAL-WORK, XVI. 72.
- HAMMERFEST, town, Norway, XI. 426.
- HAMMERHEAD SHARK, fish, XII. 685; XXI. 776.
- HAMMERKEN (Thomas a Kempis), mediæval writer, XIV. 31.
- HAMMERKOP, bird, XXII. 578.
- HAMMER-PURGSTALL, Joseph von, Austrian Orientalist, XI. 426.
- HAMMERSMITH, suburb of London, XI. 427; XIV. 822.
- HAMMOCK, Life-saving, XIV. 573.
- HAMMOND, Henry, English Royalist divine, XI. 427; hymn-writer, XII. 594.
- HAMMUDITES, Arab dynasty in Spain, XXII. 315.
- HAMOAZE, harbour, England, VII. 315.
- HAMON, Jean Louis, French painter, XI. 428.
- HAMPDEN, John, English Parliamentarian, XI. 428; VIII. 346.
- , Renn Dickson, bishop of Hereford, XI. 429.
- HAMPSHIRE, county, England, XI. 430; population and representation, XXIII. 727.
- HAMPSTEAD, suburb of London, XI. 432; XIV. 822.
- HEATH, near London, XIV. 824.
- HAMPTON, town, England, XI. 432.
- COURT CONFERENCE (1604), VIII. 377; XIX. 686.
- COURT PALACE, England, XI. 432; XX. 545; cartoons at, XVII. 38; maze in gardens at, XIV. 181; picture gallery, XXI. 445; tapestry in, XXIII. 212.
- HAMPTON'S PARACHUTE, I. 201.
- HAMPTON WICK, town, England, XXII. 694.
- HAMRA, town, Egypt, VII. 775.
- HAMSTER, rodent mammal, XI. 433; XV. 419; skins of, IX. 838.
- HAMUN, swamp, Sistan, Persia, XVIII. 620; XXII. 100.
- HAMZA B. ABDALMOTTALIB, uncle of Mohammed, VII. 550, 556.
- HAMZE B. ALI B. AHMED, Druse chief, VII. 484.
- HANAFITES, Moslem sect, XVI. 593; XXII. 661.
- HANAKS, tribe, Moravia, XVI. 811.
- HANAP, tankard, XIX. 186.
- HANAU, town, Prussia, XI. 433.
- HANBALITES, Moslem sect, XVI. 593; XXII. 661.
- HANCOCK, John, American statesman, XI. 433; XV. 616; XXIII. 738.
- , Winfield Scott, American general, XXIII. 785, 789.
- HAND, Human, I. 827; joints of, I. 839; sense of touch in, XXIII. 480.
- , of mammals, XV. 359.
- HANDECK, waterfall, Switzerland, XXII. 777.
- HANDEL, George Frederick, German

- musical composer, XI. 433; character of his music, XVII. 90.
- HAND-GRASPING, form of salutation, XXI. 237.
- HANDICAPPING, in horse racing, XII. 202.
- HANSEL MONDAY, XVII. 450.
- HAND TOOLS, XI. 436; for mining, XVI. 444.
- HANDWRITING, XVIII. 143; different kinds of, XXIII. 682.
- HANDY ANDY, Lover's novel, xv. 29.
- HANG-CHOW-FOO, or Hang-Chow, town, China, XI. 439; v. 636; XXIV. 728.
- HANGENDENLISSEN (Fünfhaus), suburb of Vienna, IX. 827.
- HANGEST, Helène de, French potter, XIX. 629.
- HANGING, Death from, xv. 781.
- HILLS, Connecticut, XXIII. 795.
- HANGINGS, Ancient textile, XXIII. 208; for wall decoration, XVII. 38.
- HANG-SHAN, mountain, China, v. 637.
- HAN-HAI (Gobi), desert, Central Asia, X. 713.
- HANIANG, town, Corea, vi. 391.
- HANIFS, Arab sect, XVI. 546, 548.
- HANKA, Wenceslaus, Bohemian philologist, XI. 440; XXII. 151.
- HAN-KEANG, river, China, v. 632.
- HANKOW, town, China, XI. 440; v. 637.
- HANLEY, town, England, XI. 440; XXII. 442.
- HANNA, plain, Moravia, XVI. 810.
- HANNANA, Syriac writer, XXII. 837.
- HANNASI, Rabbi Yehudah, editor of the Mishnah, XX. 190.
- HANNAY, James, Scottish critic and novelist, XI. 441.
- , Patrick, Scottish poet, XXI. 543.
- HANNIBAL, Carthaginian general, XI. 441; v. 161; his contests with Rome, XX. 749; his destruction of Selinus, XXI. 633; in Spain, XXII. 305.
- , town, Missouri, U.S.A., XI. 445; XVII. 526.
- HANNINGTON, Bishop, place of his murder, XXIII. 718.
- HANNO, Carthaginian general, XI. 445.
- , king of Carthage, XI. 445; v. 160; his voyage of discovery, X. 175.
- , Periplus of, I. 245; X. 175; XI. 445.
- HA-NOI, town, Tong-King, VI. 96; XXIII. 440.
- HANOVER, province, Germany, XI. 446; XX. 14, 16.
- , town, Germany, XI. 448; XX. 16; libraries, XIV. 546; newspapers, XVII. 429.
- , House of, succeeds to the English throne, VIII. 354.
- ISLAND, Patagonia, XVIII. 352.
- HANSA, or Hanseatic League (*q.v.*), Germany, XI. 449.
- HANSARD, Luke, English printer, XI. 449.
- HANSE, association of free burghs, Scotland, IV. 64.
- HANSEATIC LEAGUE, Germany, XI. 449; X. 493, 495, 501; XV. 32; early commerce of, VI. 200.
- HANSE MERCHANTS, in London, XXII. 528.
- HANSEN, Mauritz Christopher, Norwegian poet, XVII. 590.
- , Peter Andreas, Danish astronomer, XI. 451; on the lunar theory, XVI. 801; his formula for meridian transits, XXIII. 516.
- HANSE TOWNS, Germany, XI. 450; XV. 32.
- HAN-SIRO, Japanese Roman Catholic missionary, XXIV. 717.
- HANSTEEN, Christopher, Norwegian astronomer and physicist, XI. 452; XVII. 592; his researches in magnetism, XV. 237, 249.
- HANS WURST, of the German drama, VII. 440.
- HANTHAWADY, district, Burmah, XX. 271.
- HANTS, or Hampshire, county, England, XI. 430; XXIII. 727.
- HANUMAN-NATAKA, Sanskrit drama, XXI. 286.
- HANUSCH, Ignaz Johann, Bohemian philosopher, XI. 452.
- HANWAY, Jonas, English traveller and philanthropist, XI. 452; in Persia, XVIII. 643; XX. 286; his umbrella, XXIII. 723.
- HAO, islets, Tuamotu, South Pacific, XXIII. 602.
- HAPALE, genus of apes, II. 155.
- HAPALEMUR, genus of lemurs, XIV. 442.
- HAPALINÆ, HAPALIDÆ, group of apes, II. 154; XV. 444.
- HAPALODERMA, genus of birds, XXIII. 584.
- HAPALOPTILA, genus of birds, XX. 101.
- HAPALOTIS, genus of rodent mammals, XVII. 6.
- HAPARANDA, town, Sweden, XI. 453.
- HAPI (Apis), Egyptian divinity, II. 173; VII. 717.
- HAPLOCYTA, order of Protozoa, XIX. 853.
- HAPLODONTIDÆ, family of rodent mammals, XV. 418.
- HAPLOMORPHA, suborder of Mollusca, XVI. 656.
- HAPOOR, or Hapur, town, India, XI. 454.
- HAPPINESS, in ethics, VIII. 582, 585.
- HAPSBURG, German family and Austrian dynasty, XI. 453; III. 124; X. 496; in Spain, XXII. 327; its connexion with Switzerland, XXII. 781.
- HAPUR, town, India, XI. 454.
- HAR, Egyptian divinity, VII. 717.
- HARAM, sacred territory, Arabia, II. 236; XV. 669, 670.
- HARAM, sanctuary, Jerusalem, XIII. 637.
- HARAN, district, Mesopotamia, XI. 454.
- HARANT, Christopher, Bohemian traveller and writer, XXII. 152.
- HARAPPA, town, India, XVI. 789.
- HARAR, town, North-East Africa, XI. 454; language of, XXI. 656.
- HARBOURS, XI. 455.
- HARBURG, town, Hanover, Germany, XI. 472.
- HARCLAY, Sir Andrew, degraded from knighthood, XIV. 125.
- HARCOURT, Marquis d', French diplomatist, IX. 580.
- HARDANGER FJORD, Norway, XVII. 576.
- HARD CASH, Reade's novel, XX. 303.
- HARDENBERG, Friedrich von (Novalis), German poet and philosopher, XI. 472; X. 542; hymns by, XII. 588.
- , Karl August, Prussian statesman, XI. 472; XX. 11.
- HARDENING, of metals, XXII. 599.
- HARDERWIJK, town, Holland, XI. 473; university of, XXIII. 850.
- HARDHON, African lizard, XIV. 737.
- HARDICANUTE, or Hardiknut, Danish king of England, XI. 473; VIII. 289.
- HARDING, James Duffield, English painter, XI. 473; XIV. 701.
- , or Hardyng, John, early English chronicler, XI. 475; XIV. 256.
- , Stephen, Benedictine monk, III. 601.
- HARDINGE, Viscount, English general, XI. 474.
- HARDINGSTONE, town, England, XVII. 556.
- HARDNESS, of minerals, XVI. 378.
- , of water, XXIV. 399, 409.
- HARDOI, district, India, XI. 474.
- HARDOUIN, Jean, French scholar, XI. 474.
- HARDRADA, Harold, Norse king, XI. 484; XVII. 587.
- HARDT, Hermann von der, German Orientalist, XI. 475.
- HARDWAR, town, India, XI. 475; XXI. 152.
- HARDY, Alexandre, French dramatist, XI. 475; IX. 657.
- HARDYNG, John, early English chronicler, XI. 475; on the claim of Henry IV. of England, XIV. 256.
- HARE, rodent mammal, XI. 476; xv. 421; coursing of the, VI. 515; hunting, XII. 396; shooting of, XXI. 834; Arctic, colour of, XVI. 343; Belgian, XX. 193; Sumatran, XXII. 640.
- , Jumping, of South Africa, XIII. 626.
- , Alexander, English adventurer, XIV. 27.
- , Augustus William, English divine, XI. 477.

- HARE, Julius Charles, English theological writer, XI. 477.
- HAREBELL, plant, XI. 478.
- HAREEK, mountains and oasis, Arabia, II. 240, 254.
- HAREEREE, or Hariri, Arabic writer, XI. 479; II. 265.
- HAREFOOT (Harold I.), king of England, XI. 485.
- HAREM, or Seraglio, XI. 478.
- HAREN, Onno Zwier van, Dutch poet, XII. 96.
- , Willem van, Dutch poet, XII. 96.
- HAREWOOD CASTLE, Yorkshire, England, XXIV. 749.
- HARFLEUR, town, France, XI. 478.
- HAR GOVIND, Sikh ruler, India, XX. III.
- HARGRAVES, E., discoverer of gold in Australia, III. 114.
- , James, inventor of spinning jenny, II. 541; VI. 490; XVII. 600.
- HARIANA, district, India, XI. 479; XX. 624.
- HARICOT BEANS, III. 460.
- HÄRING, Wilhelm, German novelist, XI. 479.
- HARRINGTON, Sir John, English writer, XI. 479.
- HARIRI, Arabic writer, XI. 479; II. 265.
- HARI-RUD, river, Afghanistan, I. 229.
- HARITH, Arabic poet, XVI. 537.
- HARKNESS, W., his correction for chromatic aberration, XXIII. 141.
- HARLAW, Scotland, Battle of (1411), XV. 525.
- HARLEIAN LIBRARY, XVIII. 101.
- HARLEIAN MSS., in British Museum, XIV. 515; XVIII. 100.
- HARLEM RIVER, New York, U.S.A., XVII. 457.
- HARLEQUIN, in Italian drama, VII. 418; of the pantomime, XVIII. 215.
- HARLEY, Robert, first earl of Oxford, XVIII. 99.
- HARLINGEN, town, Holland, XI. 480.
- HARLOT'S PROGRESS, Hogarth's engravings, XII. 48.
- HARM, town, Central Asia, XIV. 4.
- HARMATTAN, wind, West Africa, VI. 766; XXII. 44.
- HARMODIUS, Athenian popular hero, XI. 480.
- HARMONIA, in Greek legend, XI. 480.
- HARMONICA, musical instrument, XI. 481.
- HARMONIC ANALYSIS, in physics, XI. 481.
- HARMONIC MOTION, in mechanics, XI. 482; XV. 685.
- HARMONICS, in acoustics, I. 111; XVII. 88; beats of, XVII. 105.
- HARMONIC SERIES, XXI. 678.
- HARMONIES, Celestial, Kepler's system of, XIV. 47.
- HARMONIPHONE, musical instrument, XVII. 106.
- HARMONIUM, musical instrument, XI. 483.
- HARMONY, of colours, Psychological analysis of, XX. 69.
- , Musical, VII. 593; XVII. 77; principles of, I. 107; Greek notions of, II. 524; psychological analysis of perception of, XX. 69; treatise on, by Alfred Day, XVII. 100.
- , Pre-established, Leibnitz's doctrine of, XIV. 421.
- HARMOSIA (Ormus), ancient town, Persia, XVII. 856.
- HARMOTOME, mineral, XVI. 423.
- HARNESS, saddlery, XXI. 142.
- HORSE, XII. 191.
- HARNEY, Mount, Rocky Mountains, U.S.A., XXIII. 797.
- HARO, town, Spain, XI. 484.
- , Luis de, Spanish minister, XXII. 332.
- ISLANDS, Washington Territory, U.S.A., XXI. 266.
- HAROLD I., king of England, XI. 485; VIII. 290; his relations with William of Normandy, XXIV. 575.
- II., of England, XI. 485.
- I., Fairhair, king of Norway, XI. 484; XVII. 585.
- II., Greyfell, of Norway, XI. 484; XVII. 586.
- III., Hardrada, of Norway, XI. 484; XVII. 587.
- IV., Gilchrist, of Norway, XI. 485; XVII. 588.
- HAROSH, or Rosh (Rabbenu Asher), German rabbi, XX. 852.
- HAROUN AL RASCHID, caliph of Baghdad, XI. 487; I. 9; XVI. 581; his buildings in Baghdad, III. 234; tribute paid to, by Nicephorus I., XVII. 481.
- HARP, musical instrument, XI. 488; Erard's, VIII. 512.
- HARPACTES, genus of birds, XXIII. 584.
- HARPA-KHRUTI (Harpocrates), Egyptian deity, VII. 717; XI. 491.
- HARPALUS, of Macedonia, his relations with Demosthenes, VII. 71.
- HARPE, F. C. de la, Swiss revolutionist, XXIV. 115.
- HARPER'S FERRY, town, Virginia, U.S.A., XI. 490; insurrection at (1859), IV. 385.
- HARPIES, in Greek mythology, XI. 490; III. 431.
- HARPOCRATES, Greek deity, XI. 491; VII. 717.
- HARPOON, whaling spear, XXIV. 526.
- HARPORHYNCHUS, genus of birds, XVI. 541.
- HARPSICORD, musical instrument, XIX. 69.
- HARPY, bird, XI. 491.
- HARPYIA, genus of bats, XV. 409.
- HARPYIÆ, or Harpies, in Greek mythology, XI. 490.
- HARQUEBUS, weapon, II. 558.
- HARRAN, or Haran, ancient town, Mesopotamia, XI. 454; XVI. 48; bilingual inscription of, XXI. 651.
- HARRANIANS, sect of Mesopotamia, XXI. 128.
- HARRIER, bird, XI. 491.
- , dog, VII. 329; XII. 316.
- HARRINGTON, James, English political writer, XI. 492.
- HARRIOT, Thomas, English mathematician, XI. 493; his discoveries in algebra, I. 514.
- HARRIS, part of island, Hebrides, Scotland, XIV. 492.
- , Howell, Welsh Methodist preacher, XVI. 193.
- , James, earl of Malmesbury, XV. 336.
- , James, English grammarian, XI. 493.
- , John (c. 1667–1719), English writer, XI. 493; editor of the *Lexicon Technicum*, VIII. 195.
- , John (1802–1856), English divine and writer, XI. 493.
- , Thomas and René, French organ builders, XVII. 837.
- , William C., traveller in Abyssinia, I. 66.
- , Sir William Snow, English electrician, XI. 493; his electrometer, VIII. 119; on dielectric strength of gases, VIII. 61.
- HARRISBURG, town, Pennsylvania, U.S.A., XI. 494.
- HARRISON, Frederic, on law, XIV. 357, 361.
- , John, English mechanic, XI. 494; inventor of sea-chronometers, XVII. 259.
- , William Henry, president of United States, XI. 495.
- HARRODSBURG, town, Kentucky, U.S.A., XIV. 44.
- HARROGATE, town, England, XI. 495; population, XXIV. 748; mineral water of, XVI. 434, 435.
- HARROW, agricultural implement, I. 318, 337.
- HARROW-ON-THE-HILL, town, England, XI. 495.
- HARROW SCHOOL, England, XI. 495.
- HARRY, Blind, Scottish minstrel, XI. 496; XXIV. 326.
- LORREQUER, Lever's novel, XIV. 485.
- HARSHA-DEVA, Sri, Hindu dramatist, XXI. 285.
- HARSFRÄNGET, waterfall, Sweden, XXII. 737.
- HART, Emma (Lady Hamilton, *q.v.*), XX. 839.
- HARTE-BEEST, antelope, XI. 496; XV. 432.
- HARTFORD, town, Connecticut, U.S.A., XI. 496; convention at (1814), XXIII. 760; libraries, XIV. 550.

- HARTHACNUT, or Hardicanute, Danish king of England, XI. 473; VIII. 289.
- HARTIG, Georg Ludwig, German writer on forestry, XI. 497.
- HARTINE, mineral, XVI. 429.
- HARTITE, mineral, XVI. 429.
- HARTLEPOOL, town, England, XI. 497.
- HARTLEY, David, English philosopher, XI. 498; on mental association, II. 731; his ethical system, VIII. 607.
- HARTLIB, Samuel, educationist and agriculturist, XI. 499; on agriculture, I. 297.
- HARTLIEB, Johann H., on chiromancy, XIX. 4.
- HARTMANN, Eduard von, on evolution, VIII. 769; his metaphysics of pessimism, XVIII. 689.
- , Georg, first observer of magnetic dip, XV. 221.
- , Moritz, German poet and novelist, XI. 499.
- VON AUE, German poet, XI. 499.
- HARTOG, Dirk, his exploration of the Australian coast, III. 103.
- HARTSHEAD PIKE, hill, England, XVI. 867.
- HARTSHORN, Spirits of, XI. 500.
- HARTZ, or Harz, mountains, Germany, XI. 507; X. 448.
- HARUN ER-RASHID, or Haroun al-Raschid, caliph of Baghdad, XI. 487; I. 9; XVI. 581; XVII. 481.
- HARUSPICATION, divination by entrails, VII. 293.
- HARUSPICES, Roman soothsayers, XI. 500; VII. 293.
- HARUT, river, Afghanistan, I. 229.
- HARVARD, Mount, Rocky Mountains, U.S.A., XXIII. 796.
- COLLEGE, Cambridge, Massachusetts, U.S.A., XI. 500; XV. 614; XXIII. 857; library, XIV. 534; observatory, XVII. 715.
- HARVEST-BUG, arachnid, XI. 500; II. 275; XVI. 529.
- HARVESTING, of grain crops, I. 362.
- HARVEST-MEN, arachnids, II. 278, 279.
- HARVEST MOON, II. 798.
- HARVEY, Gabriel, English writer, XI. 501; his friendship with Spenser, XXII. 393.
- , Sir George, Scottish painter, XI. 501.
- , Mr, his dairy farm, I. 345, 346.
- , William, discoverer of circulation of the blood, XI. 502; I. 810; XV. 809; XXIV. 96; on embryology, VIII. 164; on epigenesis, VIII. 744, 747.
- HARWICH, town, England, XI. 507.
- HARZBURG, town, Prussia, XI. 508.
- HARZ MOUNTAINS, or Harzgebirge, Germany, XI. 507; X. 448.
- HASA, province, Arabia, II. 254.
- HASAN of Basra, Arab historian, XXIII. 2.
- HASAN, Uzun, sovereign of Persia, XVIII. 633.
- B. ALI, caliph, XVI. 566; II. 258; hero of a Moslem passion play, XI. 508; XVIII. 660.
- B. SABBAH, founder of the sect of Assassins, II. 723; XVII. 771.
- HASBEYA, town, Syria, XI. 509.
- HASDRUBAL, Carthaginian general, XI. 509.
- , son of Hamilcar, Carthaginian general, XI. 509; in Spain, XXII. 305.
- HASE, Karl August, on the life of Jesus, XIII. 672; his summary of German rationalism, XX. 291.
- HASEBROEK, Johannes Pieter, Dutch writer, XII. 98.
- HASENMATTE, mountain, Switzerland, XXII. 250.
- HASHASHINS, or Assassins (*q.v.*), Moham-
medan sect, VII. 113.
- HASHIMITES, Arabian family, XVI. 545.
- HASHISH, drug, III. 628; VII. 711; XI. 648.
- HASHT-BIHISHT, palace, Ispahan, Persia, XIII. 394.
- HASLAR HOSPITAL, Gosport, England, VII. 315.
- HASLINGDEN, town, England, XI. 510.
- HASMONÆANS, or Asmoneans, Jewish family, XIII. 421; XV. 131; XVI. 55; XXII. 812.
- HASPE, town, Prussia, XI. 510; XXIV. 517.
- HASSAN, district, India, XI. 510.
- AND HUSSEIN, heroes of a Moham-
medan passion play, XI. 508; XVIII. 660. See Hasan b. Ali.
- B. NOMAN, Moslem general, XVI. 572.
- B. SABBAH, founder of the Assas-
sins, II. 723; XVII. 771.
- PASHA, Captivity of Cervantes
under, V. 350.
- HASSE, Faustina, Italian singer, XI. 510.
- , Johann Adolph, musical composer,
XI. 510; XVII. 93.
- HASSELQUIST, Frederick, Swedish natu-
ralist, XI. 511.
- HASSELT, town, Belgium, XI. 511.
- HASSENPLUG, Hans Daniel Ludwig
Friedrich, German politician, XI. 511.
- HASSEPHARDI (Maimonides, *q.v.*),
Jewish writer, XV. 295.
- HASSKÖI, department, Roumelia, XXI. 22.
- HASSLER, Ferdinand R., his logarithmic
tables, XXIII. 12.
- HASTINAPUR, town, India, XI. 511.
- HASTINGS, town, England, XI. 511;
XXII. 725; battle of Senlac Hill, near
(1066), VIII. 291; XXII. 725; XXIV. 575.
- , town, Nebraska, U.S.A., XVII. 309.
- , First Marquis of, governor-general
of India, XI. 516; XII. 805.
- HASTINGS, C. S., on object-glasses for
telescopes, XXIII. 142.
- , David de, competitor for the Scot-
tish crown, XXI. 486.
- , Thomas, American hymn-writer,
XII. 596.
- , Warren, governor-general of India,
XI. 512; XII. 802; Burke's impeach-
ment of, IV. 545; Sheridan's speeches
on the impeachment, IV. 545; XXI. 799.
- HAT, HATS, XI. 518; straw, XXII. 593;
Greek, VI. 454.
- HATCHETTINE, mineral, XVI. 429.
- HATCHETTOLITE, mineral, XVI. 428.
- HATCHMENTS, in heraldry, XI. 711.
- HATFIELD, town, England, XI. 520.
- HAT-HAR, or Hathor, Egyptian divinity,
III. 13; VII. 717.
- HATHAWAY, Anne, wife of Shakespeare,
XXI. 754, 766.
- HATHOR, or Athor, Egyptian divinity,
III. 13; VII. 717.
- HATHRAS, town, India, XI. 520.
- HATIA, island, India, XV. 830.
- HATIFI, Persian writer, XVIII. 657, 659.
- HATRA, or Atræ, town, Mesopotamia,
XVI. 48; XVIII. 605.
- HATRAS, or Hathras, town, India, XI. 520.
- HATS AND CAPS, Swedish factions,
XXII. 751.
- HATSHEPSU, Queen, Temple of, Egypt,
XVII. 22.
- HATTALA, Martin, Bohemian philo-
logist, XXII. 153.
- HATTERIA, genus of reptiles, XX. 437,
444, 448, 450.
- HATTERSLEY, Robert, his type-setting
machine, XXIII. 701.
- HATTI HUMAIUM, Turkish firman
(1855), XXIII. 651.
- HATTINGEN, town, Prussia, XI. 520.
- HATTO I., archbishop of Mainz, XI. 520.
- , bishop of Vich, XXII. 74.
- HATVAN, town, Hungary, XI. 520.
- HATZFELD, town, Hungary, XI. 520.
- HATZFELDT, Countess Sophie, her rela-
tions with Lassalle, XIV. 320.
- HAUBERK, defensive armour, II. 556.
- HAUCH, Johannes Carsten, Danish poet,
XI. 521; VII. 92; XVII. 590.
- HAUERITE, mineral, XVI. 391.
- HAUFF, Wilhelm, German novelist, XI. 521; X. 543.
- HAUG, Johann Christoph Friedrich,
German epigrammatist, XI. 521.
- , Martin, German Orientalist, XI. 521.
- HAUGE, Hans Nielsen, founder of a
Norwegian sect, XI. 522.
- HAUGHTONITE, mineral, XVI. 413.
- HAULBOWLINE, dockyard, Ireland, VII. 315, 318.
- HAULTBOIS, musical instrument, XVII. 706.
- HAUNCH-BONE, Anatomy of the, I. 828.

HAUNTED HOUSES, II. 206.

HAUPT, Moritz, German philologist, XI. 522.

HAUPTMANN, Moritz, German musical composer, XI. 522.

HAURAN, district, Syria, XXII. 821; its architectural monuments, II. 421; III. 411.

HAURANNE, Duvergier de, Abbé St Cyran, Port-Royalist, VII. 567; XIX. 533.

HAUSA, or Haussa, people, Africa, XII. 318; XXII. 248.

HAUSEN, fish, XXII. 612.

HAUSER, Kaspar, mysterious German youth, XI. 523.

HAUSMANNITE, or Hausmanite, mineral, XV. 479; XVI. 387.

HAUSSA, race of people, Sokoto, Africa, XII. 318; XXII. 248.

HAUSSCHEIN, Johann (Ecolampadius), German Reformer, XVII. 729.

HAUSTORIA, organs of parasitic fungi, IX. 828; XVIII. 264.

HAUTOBOY, or Oboe, musical instrument, XVII. 705.

HAUTE-GARONNE, department, France, X. 83.

HAUTE-LOIRE, department, France, XIV. 807.

HAUTE-MARNE, department, France, XV. 561.

HAUTES-ALPES, department, France, I. 599.

HAUTE-SAÔNE, department, France, XXI. 301.

HAUTE-SAVOIE, department, France, XXI. 332.

HAUTES - PYRÉNÉES, department, France, XX. 127.

HAUTE-VIENNE, department, France, XXIV. 223.

HAUTEVILLE, Norman family, XIII. 471; XXII. 25.

HAUT-LIMOUSIN, district, France, XXIV. 223.

HAÛY, René Just, French mineralogist, XI. 523; on crystals, VI. 673; his electrical researches, VIII. 8.

HAUYNE, mineral, X. 228; XVI. 412.

HAVANA, town, Cuba, West Indies, XI. 524; VI. 678.

— CIGARS, XXIII. 426.

HAVANNAH, or Havana, town, Cuba, XI. 524; VI. 678.

HAVE, La, river, Nova Scotia, XVII. 601.

HAVELBERG, town, Prussia, XI. 525.

HAVELOCK, Sir Henry, British general, XI. 525.

HAVELOK THE DANE, romance, VIII. 410; XX. 657.

HAVERCAMP, Siebert, Dutch scholar and numismatist, XI. 526.

HAVERFORD COLLEGE, Pennsylvania, U.S.A., XXIII. 857.

HAVERFORDWEST, town, Wales, XI. 526; XVIII. 482.

HAVERHILL, town, England, XXII. 622.

—, town, Massachusetts, U.S.A., XI. 526.

HAVERSIAN CANALS, in bone, I. 854.

HAVERSINES, Tables of, XXIII. 9.

HAVRE, Le, town, France, XI. 527; XXI. 626.

HAWAIIAN ISLANDS (Sandwich Islands), North Pacific, XI. 528, 531; XVIII. 127; taboo system in, XXIII. 16.

HAWARDEN, town, Wales, XI. 532.

HAWES, Stephen, English poet, XI. 533; VIII. 415.

—, William, English musician, XI. 533.

— WATER, lake, England, XXIV. 513.

HAWFINCH, bird, XI. 533.

HAWICK, town, Scotland, XI. 533; XXI.

34.

HAWIYA, people, Central Africa, XXII. 256.

HAWK, bird, XI. 534.

HAWKE, Lord, English admiral, XI. 534.

HAWKESWORTH, John, English writer, XI. 535.

HAWKING, sport, IX. 5.

—, clearing the throat, XX. 479.

HAWKINS, Sir John (c. 1532-1595), English navigator, XI. 535.

—, Sir John (1719-1789), English writer on music, XI. 535.

—, John Isaac, pianoforte maker, XIX. 75.

—, Sir Richard, English navigator, X. 185.

HAWK-MOTH, insect, XII. 359.

HAWKSBEER, Francis, his experiments in electricity, VIII. 4; in magnetism, XV. 236.

HAWKSBILL TURTLE, XXIII. 458, 459.

HAWKSMOOR, Nicholas, English architect, II. 444.

HAWKWOOD, Sir John, English adventurer, XI. 535.

HAWSER, or Hawse, ship's cable, II. 4; XX. 843; XXI. 597.

HAWTHORN, plant, XI. 536.

HAWTHORNDEN, Midlothian, Scotland, VII. 658.

HAWTHORNE, Nathaniel, American writer, XI. 536; I. 726.

HAXO, François N. Benoît, Baron, his system of fortification, IX. 463.

HAXTHAUSEN, Baron von, German political writer, XI. 538.

HAY, Culture of, I. 378.

—, Sir Gilbert, early Scottish writer, XXI. 541.

HAYASDANI, or Armenia, II. 546.

HAYDEN, Mount, Wyoming, U.S.A., XXIV. 712.

—, Mrs, American spiritualist, XXII. 405.

HAYDENITE, mineral, XVI. 421.

HAYDN, Johann, Austrian musician, XI. 541.

HAYDN, John Michael, Austrian musical composer, XI. 541.

—, Joseph, Austrian musical composer, XI. 538; as symphonist, XVII. 96.

HAYDON, Benjamin Robert, English painter and critic, XI. 541.

HAYE, La, or The Hague (*q.v.*), XI. 371.

—, Louis Marie de la (Viscount de Cermenin), French jurist, VI. 406.

HAYES, Isaac Israel, American Arctic explorer, XIX. 322.

—, Rutherford B., president of the United States, XXIII. 784.

HAY-FEVER, disease, XI. 542.

HAYLEY, William, English poet and critic, XI. 542.

HAYMAKING, I. 378; machine for, I. 323.

HAYMARKET THEATRE, London, XIV. 836.

HAYNAU, town, Prussia, XI. 375.

—, Julius Jakob, Austrian general, XII. 372.

HAYNE, Robert Young, American statesman, XI. 543; XXIII. 764.

HAYRADDIN, or Khair al-Din (Barbarossa), Turkish corsair, I. 565; III. 362; XXIII. 621, 643.

HAYTER, Sir George, English painter, XI. 543.

HAYTI, island, West Indies, XI. 543; I. 714; XXIV. 511; Negroes of, XVII.

320; abolition of slavery in, XXII. 140.

HAYTIAN REPUBLIC, West Indies, XI. 546.

HAYTON, Armenian monk and traveller, XV. 474.

HAYTORITE, mineral, XVI. 371, 409.

HAYWARD, Sir John, early English historian, XI. 546.

HAYYAD HAHAZAKAH, Maimonides's work, XV. 296.

HAZARA, district, India, XI. 546; XX. 109.

HAZARAS, tribe, Afghanistan, I. 235.

HAZARD, game played with dice, XI. 547.

HAZARIBAGH, district, India, XI. 547; town, XI. 548.

HAZAR-MASJID, mountain, Persia, XIV. 66.

HAZE, Thoreau's poem, XXIII. 313.

HAZEBROUCK, town, France, XI. 548.

HAZEL, tree, XI. 548.

— NUT, XVII. 664.

HAZEL-NUT OIL, XVII. 744.

HAZLETON, town, Pennsylvania, U.S.A., XI. 549.

HAZLITT, William, English critic, XI. 549.

HAZOVO, race of people, Russia, XXI. 251.

HAZRAT AFUK, Shrine of, Kashgar, XIV. 7.

HEAD, Anatomy of the, I. 822, 836, 864, 869.

- HEAD, Water in the, disease, XII. 431.
 —, Sir Edmund Walker, English art critic, XI. 551.
 —, Sir Francis Bond, English traveller and author, XI. 551.
 —, Sir George, English writer, XI. 551.
 HEADACHE, Sick, disease, XVII. 364.
 HEAD-DRESS, in Middle Ages, VI. 469.
 HEADING, in tunnelling, XXIII. 622.
 HEALFENE, Danish leader, his conquest of Northumbria, XVII. 570.
 HEALING SPRINGS, spa, Virginia, U.S.A., XVI. 436.
 HEALTH, its preservation, XII. 566; its restoration, XV. 794; XVIII. 362; effects of baths on, III. 441; influence of diet on, VII. 200; influence of weather on, III. 35; Plutarch on, XIX. 234.
 —, Public, its legal aspects, XX. 96.
 HEANOR, town, England, XVII. 598.
 HEARING, Sense of, in man, VII. 591; nerve of, in man, I. 895; sense of, in bees, III. 488; organs of, in birds, III. 725; in crustaceans, VI. 638; in fishes, XII. 652; in mammals, XV. 367; in reptiles, XX. 461; Weber's law in relation to, XXIV. 471.
 — TRUMPET, XXIII. 594.
 HEARN, W. E., his Plutology, XIX. 399.
 HEARNE, Samuel, English Arctic explorer, XI. 551; XIX. 318.
 —, Thomas, English antiquary, XI. 551.
 HEART, Diseases of the, XI. 552; anatomy of, I. 899; XXIV. 98; beating of, XIX. 29; of birds, III. 726; of mammals, XV. 364; of reptiles, XX. 459.
 HEARTSEASE, plant, XXIV. 241.
 HEAT, XI. 554; theory of action of, XIX. 2; of coal as compared with that of oil, XVIII. 240; conduction of, XX. 212; convection of, XX. 212; in relation to crystals, XVI. 377; development of, in blast furnaces, XIII. 293, 311; diffusion of, VII. 217; in electric circuit, VIII. 54; as energy, VIII. 207, 208; as the equivalent of force, Mayer on, XV. 649; latent, law of, VIII. 731; latent, Black's theory of, III. 795; latent, of steam, XXII. 484; its effect on magnetism, XV. 272; mechanical equivalent of, VIII. 209; in fusing metals, XVI. 66; of oxyhydrogen flame, XVIII. 105; power of, in mechanics, XV. 773; production of, by different fuels, IX. 807; radiant, Melloni's discoveries in, XV. 840; radiation of, XX. 212; maximum resistance to, in living matter, III. 680, 688; its effect on rocks, X. 258; specific, of a fluid, XXIII. 286; its transformation into force, XXIII. 283; waste, utilization of, in iron smelting, XIII. 331; Siemens's researches in, XXII. 37; in Africa, I. 256; death from, XV. 781; of the globe, X. 224; of the human body, XVIII. 393; source of plant energy, XIX. 56.
 HEAT-ENGINES, XXII. 473 (index, 526).
 HEATH, plant, XI. 589; XII. 263; in South Africa, I. 258.
 HEATHCOAT, John, inventor of lace-making machines, XI. 590; XVII. 600.
 HEATHER, plant, XI. 589.
 HEATHER-BLEATER, bird, XXII. 200.
 HEATING, Apparatus for, XI. 590; of hospitals, XII. 305; in relation to ventilation, XXIV. 161.
 HEATON'S PROCESS, of steel-making, XIII. 335.
 HEATSTROKE, XXII. 666.
 HEAUTEFEUILLE, Jean, his suggestions for heat-engine, XXII. 474.
 HEAUTON-TIMOROURNOS, Terence's play, XXIII. 187.
 HEAVEN, in eschatology, VIII. 537; XVIII. 236; of Buddhism, IV. 433; of Zoroastrianism, XXIV. 823.
 HEAVING TO, of a ship, XXI. 601.
 HEBBEL, Friedrich, German poet and dramatist, XI. 593.
 HEBDOMAD, Gnostic ethereal region, III. 421.
 HEBE, of Greek mythology, XI. 593.
 HEBER, Reginald, bishop of Calcutta, XI. 593; hymns by, XII. 595.
 HEBERDEN, William, English physician, XI. 594; XV. 815.
 HÉBERT, Jacques René, French Revolutionist, XI. 594.
 HEBERTISTS, French Revolutionary party, IX. 606; XX. 604.
 HEBON, in Italian mythology, VII. 249.
 HEBREW ANCESTRY, asserted of the Afghans, I. 238.
 HEBREW CALENDAR, IV. 677.
 HEBREW CHRONOLOGY, V. 713.
 HEBREW COINS, XVII. 650.
 HEBREW INSCRIPTIONS, XIII. 117.
 HEBREW LANGUAGE, XI. 594; XXI. 645; dictionaries of, VII. 189.
 HEBREW LITERATURE, XI. 597; XIII. 408; the Midrash, XVI. 285; the Mishnah, XVI. 502; the Talmud, XXIII. 35.
 HEBREW MSS., Kennicott's collection of, XIV. 36.
 HEBREW PEOPLE, their history, XIII. 396; history as viewed by the Chronicler, V. 707; religion of, XX. 361.
 HEBREW POETRY, III. 638; Lowth's *Prælectiones* on, XV. 30.
 HEBREWS, Epistle to the, XI. 602.
 —, Gospel of the, X. 818.
 HEBRIDES, islands, Scotland, XI. 607; XIV. 492.
 —, Journey to the, Johnson's work, XIII. 727.
 HEBRON, of Scripture, XI. 608.
 —, Mount, Palestine, XVIII. 172.
 HEBRUS, river, Thrace, XXIII. 318.
 HECATÆUS of Abdera, Greek historian and philosopher, XI. 608.
 — of Miletus, Greek geographer, XI. 608.
 HECATE, Greek goddess, XI. 608; worship of, XV. 202.
 HECHO (Cachao), town, Anam, IV. 624.
 HECKLING, in flax manufacture, XIV. 664; of rope, XX. 844.
 HECKMONDWYKE, town, England, XI. 609.
 HECLA, volcano, Iceland, XII. 617.
 HECTOCOTYLIZED ARM, in reproduction of molluscs, XVI. 675.
 HECTOR, Trojan hero, XI. 609.
 —, Dr, on the climate of New Zealand, XVII. 467.
 HECUBA, wife of Priam of Troy, XI. 609.
 —, Euripides's play, VIII. 675.
 HECYRA, Terence's play, XXIII. 187.
 HEDA, Willem Claasz, Dutch painter, XI. 610.
 HEDAS, river, France, XVIII. 414.
 HEDDLE, weaving apparatus, XXIV. 464.
 HEDENSTRÖM, Arctic explorer, XIX. 319.
 HEDERA, genus of plants, XIII. 526.
 HEDGEHOG, insectivorous mammal, XI. 610; XV. 402; hibernation of, XI. 788.
 —, Sea, fish, X. 685.
 HEDGES, on farms, I. 310.
 HEDGE-SPARROW, bird, XXII. 369.
 HEDGE TREES, Culture of, II. 319.
 HEDGING, in betting, III. 619.
 HEDJAZ, or Hejaz (*q.v.*), district, Arabia, II. 236, 253.
 HEDONISM, in ethics, VIII. 582, 585.
 HÉDONVILLE, Sieur d' (Denis de Sallo), French journalist, XVIII. 539.
 HEDYOTIS, genus of plants, XV. 177.
 HEDYSARUM GYRANS, plant, its movements, XIX. 61.
 HEELU, Jan van, Dutch writer, XII. 90.
 HEEM, Cornelius, David, and Johannes, Dutch painters, XI. 611.
 HEEMSKERK, Johan van, Dutch poet, XI. 611; XII. 95; XVIII. 347.
 —, Martin Jacobsz, Dutch painter, XI. 611.
 HEEREN, Arnold Hermann Ludwig, German historian, XI. 612.
 HEERMANN, Johann H., German hymn-writer, XII. 586.
 HEGEKOPF, mountain, Waldeck, Germany, XXIV. 321.
 HEGEL, Georg Wilhelm Friedrich, German philosopher, XI. 612; on the beautiful, I. 218; his ethical system, VIII. 610; on evolution, VIII. 762; on the fine arts, IX. 212; his testimony to Jesus Christ, XIII. 669; on Kant's system of the categories, V. 225; his logic, XIV. 798; his metaphysics, XVI. 86; his ideal optimism, XVIII. 687; on philosophy, XVIII. 794; his influence

- on German rationalism, XX. 290; his relations with Schelling, XXI. 390; Schopenhauer's opposition to, XXI. 452.
- HEGELIANISM, in philosophy, XI. 618; Vera's, XXIV. 162.
- HEGEMANN, Captain, German Arctic explorer, XIX. 323.
- HEGESIAS, Cyrenaic philosopher, VIII. 586.
- HEGIRA, or Hijra, Era of the, IV. 679; V. 717; XVI. 545, 551.
- HEIBERG, Johan Ludvig, Danish poet, XI. 621; VII. 92.
- HEIDE, town, Prussia, XI. 622.
- HEIDEGGER, John Henry, Swiss theologian, XI. 622.
- HEIDELBERG, town, Germany, XI. 622; library, XIV. 527, 546; university, XXIII. 840.
- HEIDELOFF, Karl Alexander von, German architect, XI. 624.
- HEIDENHAIN, Rudolf, on animal magnetism, XV. 278.
- HEILAND, or Héliand, old Saxon poem, XI. 630; X. 522.
- HEILBRONN, town, Württemberg, Germany, XI. 624; population, XXIV. 701.
- HEILIGENBLUT, town, Tyrol, Organ of church at, XVII. 836.
- HEILIGENSTADT, town, Prussia, XI. 624.
- HEILIGMANN, Andreas, German Reformer, XVIII. 55.
- HEILSBERG, town, Prussia, XI. 624.
- HEILSBRONN, town, Bavaria, XI. 624.
- HEIM, François Joseph, French painter, XI. 624.
- HEIMBACH, Karl Wilhelm Ernst, his edition of the Basilica, III. 420.
- HEIMDAL, Norse deity, I. 211.
- HEINE, Heinrich, German poet and journalist, XI. 625; X. 545.
- HEINECCIUS, Johann Gottlieb, German jurist, XI. 628.
- HEINECKEN, Christian Heinrich, precocious German child, XI. 628.
- HEINHARDUS (Eginhard), biographer of Charlemagne, VII. 697.
- HEINRICHSHALL, Reuss, Germany, its brine springs, XX. 494.
- HEINS, Daniel, Dutch scholar, XI. 628.
- HEINSE, Johann Jacob Wilhelm, German romancist, XI. 628.
- HEINSIUS, Daniel, Dutch scholar, XI. 628.
- , Nikolaes, Dutch scholar, XI. 628; XII. 95.
- , Nikolaes, Dutch romancist, XI. 629.
- HEINZERLING, C., his chromo-tanned leather, XIV. 389.
- HEIR-AT-LAW, XIII. 77, 197; in Roman law, XX. 674, 692, 706, 713.
- HEIRICUS, or Eric, scholastic philosopher, XXI. 420.
- HEIRLOOM, XIX. 733; law relating to, XVIII. 665.
- HEITSI-EIBIB, Hottentot deity, XII. 311; XVII. 147.
- HEJAZ, district, Arabia, II. 236, 253; XV. 669; XXIII. 653; conquest of, by the Turks, XXIII. 643.
- HEKABE, or Hecuba, wife of Priam of Troy, XI. 609.
- HEKTOGRAPH METHOD, of writing, XXIV. 697.
- HEKTOREVIC, Peter, Ragusan poet, XXI. 690.
- HELAGE FJELL, mountain, Sweden, XXII. 736.
- HELDENBUCH, collection of German tales, X. 525; XX. 657.
- HELDER, township, Holland, XI. 629.
- HELEN, of Greek legend, XI. 629.
- HELENA, of Greek legend, XI. 629; XVIII. 295; Zeuxis's picture of, XXIV. 783.
- , companion of Simon Magus, XXII. 80.
- , St, mother of Constantine the Great, XI. 630; legend of her invention of the cross, VI. 610.
- , Euripides's play, VIII. 677.
- , town, Montana, U.S.A., XVI. 774.
- , Mount, California, XXIII. 801.
- HELENSBURGH, town, Scotland, XI. 630.
- HELGOLAND, or Heligoland, island, North Sea, XI. 630.
- HELIAEA, body of Athenians acting as jurors, XXII. 254.
- HÉLIAND, old Saxon poem, XI. 630; X. 522.
- HELIANTHEMUM, garden perennial, XII. 251.
- HELIANTHUS, garden perennial, XII. 251; XXII. 659.
- HELICHRYSUM, genus of plants, XII. 716.
- HELICOIDAL ASYMMETRY, in crystallography, XIX. 313.
- HELICON, mountain, Greece, XI. 630; as seat of the Muses, XVII. 74.
- of Cyzicus, on eclipses, II. 747.
- HELICOPTÈRE, Pénaud's flying machine, IX. 321.
- HELIGOLAND, island, North Sea, XI. 630.
- HELIODILUS, genus of owls, XVIII. 89.
- HELIODORUS, Greek romance-writer, XI. 632; XX. 635.
- , Roman surgeon, XXII. 675.
- HELIOGABALUS, Roman emperor, XI. 632.
- HELIOGRAPHY, signalling by mirrors, XI. 632.
- HÉLIOGRAVURE, photographic engraving, VIII. 440.
- HELIOMETER, astronomical instrument, XVI. 250, 252; at Oxford, XXIII. 149.
- HELIOPOLIS, ancient town, Egypt, VII. 769.
- (Baalbec), ancient town, Syria, III. 176.
- HELIORNIS, genus of birds, XX. 223.
- HELIOS, sun-god, tutelary deity of Rhodes, XX. 526.
- HELIOSTAT, signalling instrument, X. 165; XI. 633; improved by Drummond, VII. 480.
- HELIOTROPE, mineral, XI. 634; XVI. 389.
- , plant, XI. 633.
- HELIOTROPION, Syros, cave showing turning-point of the sun, XVIII. 733.
- HELIOTROPISM, turning to the light, of plants, XIX. 58.
- HELIOTROPIUM, genus of plants, XI. 633; XII. 263.
- HELIOTYPE, method of photographic printing, XVIII. 832.
- HELIOZOA, class of Protozoa, XIX. 844.
- HELIX, genus of Mollusca, XVI. 661; XXII. 187.
- HELL, in eschatology, VIII. 536; XIV. 646; of Buddhism, IV. 433; Mandæan, XV. 469; Zoroastrian, XXIV. 823.
- HELLANICUS, Greek logographer and historian, XI. 634.
- HELLAS, ancient Greece, XI. 80.
- HELLEBORE, plant, XI. 635; as garden perennial, XII. 251.
- HELLEBRAND, or Hildebrand (Pope Gregory VII.), XI. 176.
- HELLENES, ancient Greeks, XI. 90, 93.
- HELLENICA, Xenophon's work, XXIV. 721.
- HELLENICUS, Greek chronologist, V. 710.
- HELLENISM, its influence at the Christian era, III. 642; in Egypt, XV. 144; among the Jews, XIII. 421; XVIII. 760; literature of, XI. 143; spread of, in Asia, XV. 141; Isocrates on, XIII. 390.
- HELLENISTS, Greek-speaking people, XI. 636.
- , English school of, III. 580.
- HELLESPONT, strait, Turkey, XI. 636; III. 797; VI. 823; XV. 820.
- HELLEVOETSLUIS, or Helvoetsluis, town, Holland, XI. 643; XXI. 9.
- HELLIN, town, Spain, XI. 637.
- HELLVILLE, town, Madagascar, XVII. 596.
- HELM, or Helmet, headpiece, XI. 637.
- , of ships, XXI. 602.
- HELMAND, river, Afghanistan and Persia, I. 229; XXII. 100.
- HELMERS, Jan Frederik, Dutch poet, XI. 637; XII. 97.
- HELMET, headpiece, XI. 637.
- , in heraldry, XI. 711.
- BEETLE, insect, VI. 134.
- HELMHOLTZ, Hermann L. F. von, on acoustics, I. 118; XXIV. 273, 275; his theorem of vortex atoms, III. 44; on resonant mechanism in the ear, VII. 593; XVII. 103; experiments in optics, XVII. 802; on measurement of space, XV. 664; his double syren, I. 109, 117.
- HELMINTHOLOGY, Rise of, as a special study, XVIII. 250.

- HELMOND, town, Holland, XI. 637.
 HELMONT, Jean Baptiste van, mystic and alchemist, XI. 638; v. 460; XV. 810; his influence on physical science, I. 467.
 HELMSDALE, town, Scotland, XXII. 727.
 HELMSLEY CASTLE, Yorkshire, England, XXIV. 749.
 HELMSTÄDT, or Helmstedt, town, Germany, XI. 638; university, XXIII. 845, 848.
 HELODERMA, genus of lizards, XIV. 735; XVI. 218; XX. 451.
 HELODROMAS, genus of birds, XXI. 260.
 HÉLOISE, Abelard's wife, I. 34.
 —, *La Nouvelle*, Rousseau's novel, XXI. 26.
 HELOTS, Spartan bondmen, XI. 638; XV. 96; XXII. 131, 370.
 HELPS, Sir Arthur, English writer, XI. 638.
 HELSINGBORG, town, Sweden, XI. 640.
 HELSINGFORS, town, Finland, Russia, XI. 640; library of, XIV. 549; observatory, XVII. 714; university, XXIII. 852.
 HELSINGÖR (Elsinore), town, Denmark, VIII. 155.
 HELST, Bartholomæus van der, Dutch painter, XI. 641.
 HELSTON, town, England, XI. 641.
 HELVELLYN, mountain, England, VI. 697; XXIV. 513.
 HELVETIC REPUBLIC, The, XXII. 793.
 HELVÉTIUS, Claude Adrien, French philosopher, XI. 642; IX. 670; ethics of, VIII. 608.
 HELVIDIUS PRISCUS, Roman senator, XI. 643.
 HELVINE, mineral, XVI. 411.
 HELVOETSLUYS, town, Holland, XI. 643.
 HELYOT, Pierre, French monastic historian, XI. 643.
 HEMANS, Felicia Dorothea, English poetess, XI. 643.
 HEMEL-HEMPSTEAD, town, England, XI. 645.
 HEMEROBAPTISTS, ancient Jewish sect, XI. 645.
 HEMESA (Hems), ancient town, Syria, XI. 649.
 HEMIANOPSIA, eye disease, XVII. 785.
 HEMIASTER CAVERNOSUS, sea-urchin, XX. 411.
 HEMICHORDA, branch of Vertebrata, XXIV. 187.
 HEMICRANIA, disease, XVII. 364.
 HEMIHEDRAL CRYSTALS, XVI. 354.
 HEMIMORPHISM, in polarity of crystals, XIX. 312.
 HEMIMYARIA, suborder of Tunicata, XXIII. 615.
 HEMMINGFORD, Walter, English chronicler, XI. 645.
 HEMIPLEGIA, disease, XVIII. 255.
 HEMIPODE, Andalucian, bird, XX. 147.
 HEMIPTERA, order of insects, XI. 646; XIII. 153.
 HEMITELIA, genus of tree-ferns, XXIII. 534.
 HEMITROPE CRYSTALS, XVI. 364.
 HEMIURUS, subgenus of marsupial mammals, XVII. 796.
 HEMLOCK, plant, XI. 646; XVII. 232.
 — SPRUCE, tree, II. 320; IX. 224; in United States, XXIII. 809; the bark used for tanning, XIV. 382.
 HEMMINGFORD, Walter, English chronicler, XI. 645.
 HEMONY, F., Dutch bell-founder, III. 538.
 HEMP, XI. 647; drug made from, III. 627; XI. 648; factories, in England, VIII. 233; use of, in rope-making, XX. 843; Indian, XVII. 231.
 —, Manila, X. 488.
 — CAKE, XVII. 739.
 HEMP-SEED OIL, XVII. 744.
 HEMPSTEAD, town, Long Island, New York, U.S.A., XIV. 866.
 HEMS, town, Syria, XI. 649.
 HEMSTERHUIS, François, Dutch philosopher, XI. 649; on æsthetics, I. 221.
 —, Tiberius, Dutch philologist, XI. 650; his relations with Ruhnken, XXI. 57.
 HENAN-ISHO, Syriac writer, XXII. 843.
 HÉNAULT, Charles Jean François, French historian, XI. 650.
 HENBANE, plant, XI. 650; XVII. 231.
 HENDERSON, Alexander, Scottish ecclesiastic, XI. 651; XXI. 512.
 —, Ebenezer, Scottish missionary and writer, XI. 652.
 —, Normau M., his shale retorts, XVIII. 241.
 HENDRICKS, Thomas A., vice-president of the United States, XXIII. 789.
 HENEQUEN, plant fibre, its production in Yucatan, XXIV. 758.
 HENGLO, town, Holland, XVIII. 78.
 HENGEST AND HORSIA, Invasion of England by, VIII. 269.
 HENGSTENBERG, Ernst Wilhelm, German theologian, XI. 652.
 HENGWRT COLLECTION, Welsh literature, v. 314.
 HEN-HARRIER, bird, XI. 491.
 HENKE, Heinrich Philipp Konrad, German theologian, XI. 653; XX. 290.
 HENLE, Friedrich G. J., writer on anatomy, I. 816, 817.
 HENLEY, John (Orator Henley), English writer, XI. 653.
 — IN ARDEN, town, England, XXIV. 379.
 HENLEY-ON-THAMES, town, England, XI. 653.
 HENLEY'S ELECTROMETER, VIII. 118.
 HENNA, plant, XI. 654.
 HENNE, J. A., Swiss writer, XXII. 799.
 HENNEBONT, town, France, XI. 654; XVI. 813.
 HENNEPIN, Louis, early explorer of America, XIV. 318.
 HENNEQUIN, Philippe Auguste, French painter, XI. 654.
 HENNERSDORF, town, Saxony, XI. 655.
 HENOTHEISM, form of religion, XX. 367; XXIII. 235.
 HENOTICON, of Eastern Church, instrument of union, IX. 66; XXIV. 778.
 HENRIADE, Voltaire's poem, XXIV. 292.
 HENRICIANS, religious sect of France, XI. 674; XXIV. 323.
 HENRIETTA MARIA, wife of Charles I. of England, XI. 655.
 HENRY I., German king, XI. 666; X. 482; XXI. 352.
 — II., emperor, XI. 666; X. 486; his influence in Rome, XX. 790.
 — III., emperor, XI. 667; X. 487; his influence in Rome, XX. 790.
 — IV., emperor, XI. 667; X. 487; his contest with the papacy, XIII. 471; XX. 791; his submission to Pope Gregory VII., XI. 177.
 — V., emperor, XI. 668; X. 489; his investiture dispute with the pope, XVIII. 339; XX. 792.
 — VI., emperor, XI. 669; X. 490; XX. 794.
 — VII., emperor, XI. 669; X. 493; XX. 798; in Italy, XIII. 477.
 — I., emperor of the East, VI. 630.
 — I., king of Castile, XI. 671.
 — II., of Castile, XI. 671; XXII. 320.
 — III.-IV., of Castile, XI. 672; XXII. 321.
 — I., king of England, XI. 655; VIII. 301, 303.
 — II., of England, XI. 657; VIII. 302, 307; IX. 540; XIX. 175; his struggle with Becket, I. 32; his invasion of Ireland, XIII. 259; his submission to Pope Alexander III., I. 487; his relations with Fair Rosamond, XX. 848.
 — III., of England, XI. 658; VIII. 306, 310; his rule in Ireland, XIII. 259; his relations with Simon de Montfort, XVI. 787.
 — IV., of England, XI. 659; VIII. 320; his claim to the throne, XIV. 256; his coronation, VI. 429.
 — V., of England, XI. 660; VIII. 320; in France, IX. 549.
 — VI., of England, XI. 660; VII. 684; VIII. 320; XV. 536; XXIV. 381.
 — VII., of England, XI. 662; VIII. 328.
 — VIII., of England, XI. 662; VIII. 331; XV. 593; his Six Articles, II. 654; his pillage of Becket's shrine, I. 32; Ireland in time of, XIII. 262; his treatment of Thomas More, XVI. 817; his attitude towards the Reformation, XX. 328; his relations with Cranmer, VI. 548; with Thomas Cromwell, VI. 606; with Cardinal Pole, XIX. 331; with Wolsey, XXIV. 635.

- HENRY I., king of France, XI. 669; IX. 537; his wars with William of Normandy, XXIV. 575.
 — II., of France, XI. 670; IX. 558.
 — III., of France, XI. 670; IX. 561, 562; his flight from Poland, XIX. 292.
 — IV., of France (III. of Navarre), XI. 671; IX. 562; his relation to the popedom, XIX. 505; toleration of the Huguenots by, XII. 338.
 — I.-II., kings of Navarre, XI. 672.
 — III., of Navarre (Henry IV. of France, *q.v.*), XI. 671.
 — (of Burgundy), count of Portugal, XIX. 539.
 — I., king of Portugal, XI. 671; XIX. 546.
 —, Prince, the Navigator, of Portugal, XI. 672; XIII. 714; XIX. 544; his discoveries, X. 179.
 —, the Lion, duke of Saxony and Bavaria, XI. 673; X. 490; XXI. 352.
 —, duke of Guise (d. 1588), XI. 267; IX. 562.
 —, duke of Guise (d. 1664), XI. 267.
 —, Wryneck, duke of Lancaster, XIV. 255.
 — of Castile, senator of Rome, XX. 797.
 —, the Deacon, monk of Cluny, XI. 674; XIV. 288.
 — of Ghent, scholastic writer, XI. 674.
 — of Huntingdon, English chronicler, XI. 674.
 —, Fort, United States, taking of (1862), XXIII. 776.
 —, Joseph, American physicist, XI. 675.
 —, Matthew, English Biblical commentator, XI. 676.
 —, Patrick, American statesman, XI. 676; I. 721.
 —, Paul and Prosper, their telescope at Paris, XXIII. 148, 153.
 —, Robert, Scottish historian, XI. 677.
 —, William, English chemist, XI. 677.
 — IV., V. and VI., Shakespeare's plays, XXI. 761, 763, 764.
 — GRÂCE DE DIEU, warship, XVII. 281.
 — GUN BARREL, XI. 283.
 — RASPE, landgrave of Thuringia, X. 491.
 HENRYSON, Robert, early Scottish poet, XI. 677.
 HENSLOW, Prof., on fossil animal remains as manure, I. 348; VI. 353.
 HENSLOWE, Philip, English dramatist, XI. 678.
 HENSON PAVEMENT, XX. 586.
 HENSON'S FLYING MACHINE, I. 202; IX. 322.
 HENZADA, district, British Burmah, XI. 678; XXIII. 330.
 HEPATICA, garden perennial, XII. 249.
 HEPATICÆ, group of plants, XIV. 718; XVII. 66.
 HEPATIC COLIC, passing of gall-stone, VI. 140.
 HEPATIC VEIN, XXIV. 108.
 HEPATITE, mineral, XVI. 400.
 HEPATIZATION, Red and grey, diseases, XIX. 249, 250.
 HEPBURN, James, earl of Bothwell, IV. 164; XV. 595; XXI. 504.
 HEPHÆSTIA, town, Lemnos, XIV. 437.
 HEPHÆSTIADES (Lipari Islands), Mediterranean Sea, XIV. 682.
 HEPHÆSTION, friend of Alexander the Great, XI. 678; I. 484; XVIII. 585.
 —, grammarian of Alexandria, XI. 678.
 HEPHÆSTUS, Greek god (the Latin Vulcan), XI. 679; XXIV. 301.
 — (Ptah), Egyptian divinity, VII. 717.
 HEPHTHALITES, or White Huns, XIV. 59; XVIII. 610, 613; XXIII. 639.
 HEPPINGEN, spa, Prussia, XVI. 436.
 HEPTAGLOTT LEXICON, XIX. 417.
 HEPTAMERON, tales by Queen Margaret of Navarre, IX. 653; XV. 539.
 HEPTANESIAN ISLANDS, Greece, XIII. 205.
 HEPTAPLUS, Pico's work, XIX. 81.
 HEPTARCHY, in England, VIII. 269.
 HEPTATEUCH, Ælfric's, VIII. 382.
 HERA, Greek goddess (the Latin Juno), XI. 679; XIII. 778; XVIII. 295; temple of, at Olympia, II. 347; XVII. 766, 769; temple of, at Samos, XXI. 250.
 HERACLAS, bishop of Alexandria, his relations with Origen, XVII. 840.
 HERACLEA, town, Caria, Asia Minor, XI. 681.
 — (Trachis), ancient town, Greece, XXIII. 494.
 — (Policoro), ancient town, South Italy, XI. 681; XV. 37.
 — (Platani), ancient town, Sicily, XI. 681.
 — PERINTHUS, town, Thrace, XVIII. 535.
 — PONTICA (Bender Eregli), ancient town, Phrygia, Asia Minor, XI. 681.
 — SINTICA (Zervokhori), ancient town, Macedonia, XI. 681.
 HERACLEAN STONE, magnetic iron ore, XV. 219.
 HERACLEIA, or Heraclea (*q.v.*), ancient towns of Greece, Italy, and Sicily, XI. 681.
 HERACLEIDÆ, Euripides's play, VIII. 676.
 HERACLEION (Candia), ancient town, Crete, IV. 802.
 HERACLEON, Italian Gnostic, XI. 681; XXIV. 38.
 HERACLEOTIC CHERSONESE, Crimea, XXI. 616.
 HERACLES, or Hercules, of Greek legend, XI. 725; XVII. 346; XX. 639.
 — MAINOMENOS, Euripides's play, VIII. 676.
 HERACLIDÆ, Dorian race, Greece, VIII. 477; XI. 92.
 HERACLIDES PONTICUS, Greek miscellaneous writer, XI. 681.
 HERACLIDS, in the Peloponnesus, VIII. 477; XI. 92.
 HERACLITUS of Ephesus, Greek metaphysician, XI. 681; on evolution, VIII. 755; his logic, XIV. 784; on scepticism, XXI. 379; his influence on Stoicism, XXII. 564.
 HERACLIUS, emperor of the East, XI. 682; originator of monothelite controversy, XVI. 758; his expedition into Persia, XVIII. 614.
 —, czar of Georgia, XVIII. 646.
 HERAD, Norwegian land division, XVII. 584.
 HERAEUS of Hanau, his platinum process, XIX. 190.
 HERAION, temple of Hera, at Olympia, Greece, XVII. 769.
 HERALD, messenger between sovereigns or armies, XI. 687; in feudal times, XIV. 117.
 HERALDRY, XI. 683; its value in archaeology, II. 343; crosses in, VI. 613; connexion of flags with, IX. 278; its influence on mediæval dress, XI. 464.
 HERAPATHITE, quinine compound, XX. 185.
 HERAT, town, Afghanistan, XI. 713; its relations with Persia, XVIII. 649, 650.
 HÉRAULT, department, France, XI. 715.
 HERBACEOUS PLANTS, IV. 95.
 HERBAGE CROPS, Culture of, I. 370.
 HERBALL, Gerard's work, X. 441.
 HERBALS, Early, XV. 805.
 HERBARIUM, XI. 715; Hooker's, XII. 152.
 HERBART, Johann Friedrich, German philosopher, XI. 718; his logic, XIV. 794.
 HERBELOT, Barthélemy d', French Orientalist, XI. 720.
 HERBERAY, Nicolas de, French translator of Amadis, XX. 654.
 HERBERT, bishop of Glasgow, XIV. 41.
 —, Lord, of Cherbury, English philosopher, XI. 722; on deism, VII. 34.
 —, George, English religious poet, XI. 721.
 —, Henry William, English novelist and writer on sports, XI. 721.
 —, Sir Thomas, English traveller and writer, XI. 721.
 HERBS, Kitchen, XII. 289.
 HERCULANEUM, ancient town, Italy, XI. 723; XIX. 444; XXIV. 196; street architecture of, II. 421; ancient MSS. found in, XVIII. 145.
 HERCULANO, Alexandre, Portuguese novelist, XIX. 557.

- HERCULES, of Greek mythology, XI. 725; XVII. 346; romances relating to, XX. 639.
 — I.-II., princes of Este, VIII. 559.
 — BATHS, Banat, Hungary, XV. 830; XVI. 435.
 HERCULIUS, surname of Maximianus, Roman emperor, XV. 644.
 HERCYNIAN MOUNTAINS, Austria, III. 116.
 HERCYNITE, mineral, XVI. 386.
 HERDER, Johann Gottfried von, German writer, XI. 727; X. 537; his estimate of Kant, XIII. 846; on the Song of Solomon, V. 33.
 HERDERITE, mineral, XVI. 408.
 HEREDITAMENTS, Corporeal and incorporeal, XX. 306.
 HEREDITY, in biology, I. 87; III. 687; IV. 245; XX. 421; XXIV. 818; deaf-mutism arising from, VII. 5; its bearing upon ethics, VIII. 608; its ethnological aspects, VIII. 615; of instinct, XIII. 159; of mental diseases, XIII. 96; in plants, I. 87; IV. 245.
 HEREFORD, county, England, XI. 729; population and representation, XXIII. 727.
 —, town, England, XI. 730; newspapers of, XVII. 421.
 —, Henry, Duke of, XIV. 256.
 —, Nicolas, English Lollard, XIV. 811; his translation of the Bible, VIII. 383; XXIV. 710.
 HEREFORDS, breed of cattle, I. 388.
 HERENCIA, town, Spain, XI. 731.
 HERENY, Hungary, Observatory at, XVII. 713.
 HERER, or Harar, town, North-East Africa, XI. 454.
 HERERO, African race, XI. 732.
 HEREROLAND, district, South-West Africa, XI. 731.
 HERESIES, Hippolytus's refutation of, XI. 854; Irenæus's treatise on, XIII. 273.
 HERESY, XI. 732; first English statute against, VIII. 325; treatment of, by the Roman Church, XIII. 91; application of torture in trials for, XXIII. 463; witchcraft as, XXIV. 620.
 HEREWARD, English chief, VIII. 292.
 HERFORD, town, Prussia, XI. 738.
 HERIBERT, archbishop of Milan, XIII. 470.
 HÉRICART, Marie, wife of La Fontaine, XIV. 204.
 HERING, Ewald, his speculations in physiology, XIX. 22.
 HERIOT, obligation attaching to copyhold tenure, VI. 356.
 —, George, founder of Heriot's Hospital, Edinburgh, XI. 738.
 HERIOT'S HOSPITAL, Edinburgh, VII. 666.
 HERI-RUD, river, Transcaspian region, Russia, XVI. 41; XXIII. 512.
 HERISAU, town, Switzerland, XI. 739; XXII. 778.
 HERITABLE JURISDICTIONS, in Scots law, XI. 739.
 HERITABLE PROPERTY, in Scots law, XVIII. 665.
 HERITAGE, in Scots law, XIII. 77.
 HERLEN, Fritz, German painter, XI. 739.
 HERLEVA, mother of William the Conqueror, XVII. 542.
 HERMAGORAS, of Temnos, rhetorician, XX. 514.
 HERMANDAD, Santa, Spanish confederation, XXII. 326.
 HERMANFRIED, Frankish king, X. 476.
 HERMANN, German chronicler, XI. 739.
 —, Friedrich Benedict Wilhelm von, German political economist, XI. 739; XIX. 388.
 —, Johann Gottfried Jakob, German philologist, XI. 741; on the Homeric poems, XII. 117.
 —, Karl Friedrich, German scholar, XI. 741.
 — JOSEPH, his contributions to the Ursula legend, XXIV. 13.
 HERMANNITE, mineral, XVI. 418.
 HERMANNUS, James (Arminius), Dutch theologian, II. 551; XII. 78.
 HERMANNSTADT, town, Hungary, XI. 741.
 HERMANN UND DOROTHEA, Goethe's idyl, X. 732.
 HERMANNUS CONTRACTUS, German chronicler, XI. 739.
 HERMANRIC, Gothic king, X. 848.
 HERMANSEN, James (Arminius), Dutch theologian, II. 551; XII. 78.
 HERMANUBIS, Roman deity, II. 146.
 HERMAPHRODITISM, XV. 779; XVI. 764; XXI. 720.
 HERMAS, Pastor or Shepherd of, early Christian work, II. 180, 197; the Gospels not quoted in, X. 815.
 HERMENEUTICS, Biblical, XI. 741; Ernesti's works on, VIII. 527.
 HERMES, Greek god (the Roman Mercury), XI. 749; XVI. 31; statue of, at Phææ, XIV. 248; statuette group including, XXIII. 192.
 —, Harris's work on grammar, XI. 493.
 —, Georg, German Catholic theologian, XI. 750.
 HERMESIANAX, Greek poet, XI. 751.
 HERMES TRISMEGISTUS, of Egyptian mythology, XI. 750; I. 462.
 HERMETICS, or Alchemy, I. 459.
 HERMIAS, Tomb of, at Cyprus, X. 648.
 HERMINONES, ancient Germans, X. 473.
 HERMIT, The, poem by Thomas Parnell, XVIII. 318.
 HERMITAGE CASTLE, Roxburgh, Scotland, XXI. 34.
 HERMITAGE WINE, XXIV. 606.
 HERMIT CRAB, VI. 642, 656; parasite of, XVIII. 260, 261.
 HERMITE, Charles, on squaring the circle, XXII. 436.
 HERMITS, Monastic, XVI. 698.
 HERMOCRATES, of Plato, XIX. 209.
 —, Syracusan ruler, XXII. 814.
 HERMOGENES, of Tarsus, Greek rhetorician, XI. 751; his rhetoric, XX. 514.
 HERMOGENIAN CODE, in Roman law, XX. 711.
 HERMON, mountain, Syria, XI. 751.
 HERMONTIS (Arment), ancient town, Egypt, VII. 782.
 HERMOPOLIS, town, Syra, Greece, XXII. 813.
 — MAGNA (El-Ashmooneyn), ancient town, Egypt, VII. 775.
 HERMOSILLO, town, Mexico, XI. 752.
 HERMOTIMUS, Lucian's dialogue, XV. 45.
 HERMSDORF, town, Prussia, XI. 752.
 HERMUNDURI, ancient Germanic tribe, XXIII. 331.
 HERMUS (Gedisz Tchai), river, Asia Minor, II. 708.
 HERNIA, disease, XI. 752.
 HERNICANS, or Hernici, ancient Italian race, XIII. 445; XIV. 344; XX. 739.
 HERNÖSAND, town, Sweden, XI. 754.
 HERNSE, bird, XI. 760.
 HERO, or Heron, mathematician of Alexandria, XI. 760; inventor of heat-engine, XXII. 473.
 — AND LEANDER, of Greek legend, XI. 754.
 — AND LEANDER, Marlowe's lyric, XV. 558.
 HEROD, the Great, king of the Jews, XI. 754; XIII. 425; Jerusalem in time of, XIII. 641; temple of, at Jerusalem, II. 393; XXIII. 168.
 — AGRIPPA, tetrarch, XIII. 426.
 — ANTIPAS, tetrarch of Galilee, XI. 755; XIII. 426.
 — PHILIP, tetrarch of Ituræa, XI. 755.
 HERODES ATTICUS, benefactor of Athens, III. 9, 61; exedra of, at Olympia, XVII. 769.
 HERODIAN NUMERALS, XVII. 625.
 HERODIANS, Jewish sect, XI. 755.
 HERODIANUS, Greek historian, XI. 756.
 —, Ælius, Roman grammarian, XI. 756; Greek notation of numerals named after him, XVII. 625.
 HERODIAS, wife of Herod Antipas, XI. 755.
 HERODIONES, group of birds, XVIII. 47.
 HERODOTUS, Greek historian, XI. 756, 141; on the Medo-Persian empire, XVIII. 561; on the topography of Babylon, III. 182.
 —, Rennell's Geographical System of, XX. 400.
 HEROES, Mythical, XVII. 158.
 HEROICON, Philostratus's work, XVIII. 797.

- HÉROLD, Louis Joseph Ferdinand, French musician, XI. 759.
- HERON, bird, XI. 760; XVIII. 811; hawking of, IX. 9.
- , mathematician of Alexandria, XI. 760.
- , the Younger, Byzantine scientist, XI. 760.
- HEROON, ruined structure at Olympia, Greece, XVII. 767.
- HEROOPOLIS, ancient town, Egypt, XX. 265.
- HEROPHILUS, Alexandrian physician, XV. 801; on anatomy, I. 802; on the brain, XVIII. 842; as surgeon, XXII. 674.
- HEROSTRATUS, incendiary of temple of Artemis at Ephesus, VIII. 466.
- HERPES, disease, XVIII. 398; XXII. 123.
- HERPESTES, genus of carnivorous mammals, XII. 629; XV. 436.
- HERPETOLOGY, science dealing with reptiles, XX. 432, 433.
- HERPETON TENTACULATUS, species of snakes, XXII. 194.
- HERRENGRUNDITE, mineral, XVI. 402.
- HERRENHAUS, Prussian legislative chamber, XX. 18.
- HERRERA, Fernando de, Spanish poet, XI. 762; XXII. 357.
- , Francisco, the Elder, Spanish painter, XI. 763; his relations with Velazquez, XXIV. 132.
- , Francisco, the Younger, Spanish painter, XI. 763.
- , Juan, Spanish architect, II. 442; VIII. 540.
- Y TORDESILLAS, Antonio de, Spanish historian, XI. 763.
- HERREROS, Breton de los, Spanish dramatist, XXII. 361.
- HERRICK, Robert, English poet, XI. 763; XVIII. 347.
- HERRING, fish, XI. 764; XII. 694; fry of (whitebait), XXIV. 550; fisheries, IX. 251, 257.
- HERRNHUT, town, Saxony, seat of the Moravian Brethren, XI. 765; XVI. 812; XXIV. 789.
- HERSCHEL, Caroline Lucretia, astronomer, XI. 765.
- , Sir Frederick William, astronomer, XI. 765; his discoveries, II. 758; his improvements of the micrometer, XVI. 243; on the nebular theory, XVII. 311; on radiation of heat, XX. 213; on the magnitude of stars, XVIII. 840; on sun-spots, II. 786; his improvements of the telescope, XXIII. 138, 145; his discovery of Uranus, II. 812; his observatory at Slough, England, XVII. 711.
- , Sir John F. W., English astronomer, XI. 768; on the Orion nebulae, II. 820; on stellar photometry, XVIII. 840; on sun-spots, II. 786.
- HERSCHELITE, mineral, XVI. 422.
- HERSENT, Louis, French painter, XI. 770.
- HERSFELD, town, Prussia, XI. 770.
- HERSLEB, Peder, Norwegian theological writer, XVII. 590.
- HERSTAL, town, Belgium, XI. 770.
- HERTFORD, county, England, XI. 771; population and representation, XXIII. 727; town, XI. 772.
- COLLEGE, Oxford, XVIII. 96.
- HERTOGENBOSCH, 's (Bois-le-Duc), town, Holland, III. 864.
- HERTS, or Hertford, county, England, XI. 771; XXIII. 727.
- HERTZ, Henrik, Danish poet, XI. 773; VII. 93.
- HERTZEN, Alexander, Russian writer, XI. 773; XXI. 108.
- HERULI, or Herulians, ancient Germanic tribe, XI. 774; XIV. 813; XVII. 726; invasion of Italy by, XIII. 467.
- HERVEY, Lord, English politician and writer, XI. 774.
- , James, English religious writer, XI. 774.
- ARCHIPELAGO, South Pacific, VI. 331; Williams's mission to, XXIV. 586.
- HERWART AB HOHENBURG, German mathematician, XVII. 183.
- HERWEGH, Georg, German poet, X. 546.
- HERZEGOVINA, province, Austria-Hungary, XI. 775; acquired by Austria (1878), XXIII. 652.
- HERZEN, or Herten, Alexander, Russian writer, XI. 773; XXI. 108.
- HERZOG, German title, XIX. 739.
- HES, Egyptian divinity, VII. 717.
- HESARGRAD (Rasgrad), town, Bulgaria, XX. 283.
- HESEKIEL, George Louis, German author, XI. 777.
- HESIOD, Greek poet, XI. 777, 138; his Five Ages, I. 278.
- HESIONE SPLENDIDA, species of Annelida, II. 68.
- HESIRI (Osiris), Egyptian deity, VII. 716.
- HESPERIDES, of Greek legend, XI. 778.
- HESPERIDINE, bitter principle in lemon-peel, XIV. 438.
- HESPEROMYS, genus of rodent mammals, XVII. 6.
- HESS, Heinrich Maria von, German painter, XI. 778.
- , Karl, German painter, XI. 779.
- , Peter von, German painter, XI. 779.
- HESSE, old country of Germany, XI. 779.
- , La, mineral spring, France, XVIII. 1.
- HESSE-CASSEL, state, Germany, XI. 779.
- HESSE-DARMSTADT, grand-duchy, Germany, XI. 780.
- HESSE-HOMBURG, province, Germany, XI. 781.
- HESSE-NASSAU, province, Prussia, XI. 779; XX. 14, 16.
- HESSIA, old country of Germany, XI. 779.
- HESSIAN FLY, insect, XI. 781; VII. 256; as wheat pest, XXIV. 535.
- HESSITE, mineral, XVI. 392.
- HESSUS, Helius Eobanus, German Humanist, XI. 781.
- HESTIA, Greek goddess (the Roman Vesta), XI. 782; XXIV. 193.
- HESTIÆOTIS, district, Thessaly, XXIII. 299.
- HESUS, Druidic god, VII. 478.
- HESYCHASTS, sect, Greek Church, XI. 782.
- HESYCHIUS, Alexandrian grammarian, XI. 782.
- , Byzantine church historian, XXII. 238.
- , reviser of the Septuagint, XXI. 669.
- HETERISTS, in Moldavia (1821), XXI. 20.
- HETERAUXESIS, unequal growth in plants, XIX. 58, 63.
- HETEROBRANCHUS, genus of fishes, XXII. 67.
- HETEROCERA, group of insects, XIII. 151.
- HETEROCÆLA, order of sponges, XXII. 422.
- HETEROMASTIGODA, order of Protozoa, XIX. 857.
- HETEROMERA, group of insects, VI. 133; XIII. 149.
- HETEROMYA, order of Mollusca, XVI. 685.
- HETEROPEGMA NODUS - GORDII, sponge, XXII. 413.
- HETEROPHASIA, medical term, II. 171.
- HETEROPTERA, group of insects, XI. 646; XIII. 153.
- HETEROTRICHA, order of Protozoa, XIX. 863.
- HETEROZITE, mineral, XVI. 405.
- HETTSTÄDT, town, Prussia, XI. 783.
- HEUEN-CHOW, town, China, XXIII. 607.
- HEUGLIN, Theodor von, German traveller, XI. 783.
- HEULANDITE, mineral, XVI. 422.
- HEUNG-NOO, or Hiong-nu (*q.v.*), Turkish people, V. 644.
- HEUSCH, Jacob de, Dutch painter, XI. 783.
- , Willem, Dutch painter, XI. 783.
- HEVEA, india-rubber plant, XII. 836.
- HEVEENE, hydrocarbon oil, XII. 840.
- HEVELIUS, Johann, German astronomer, XI. 784; II. 754; on sun-spots, II. 785; his controversy with Hooke, XII. 149; his observatory at Dantzic, XVII. 709.
- HEVER CASTLE, Kent, England, XIV. 40.
- HEWSON, William, his anatomical discoveries, I. 815.

- HEXACORALLA, group of Actinozoa, I. 130.
 HEXACTINELLIDA, subclass of sponges, XXII. 421.
 HEXAEMERON, The, Basil's work, XIX. 7.
 HEXAGONAL SYSTEM, of crystals, XVI. 358.
 HEXAGRAM, Mystic, Pascal's, XVIII. 338.
 HEXAPLA, Origen's work, III. 646; XVII. 840; XIX. 417.
 HEXAPOLIS, Doric league, XX. 526.
 HEXAPROTODON, fossil ungulate mammal, XXII. 772.
 HEXATEUCH, Pentateuch and Joshua, XVIII. 505.
 HEXHAM, town, England, XI. 784; XVII. 567, 568.
 HEYDEN, Jan van der, Dutch painter, XI. 784.
 HEYDUK, Adolf, Bohemian poet, XXII. 152.
 HEYDUKE, or Hajduk, district, Hungary, XI. 377.
 HEYLIN, Peter, English writer, XI. 784; XVIII. 205.
 HEYNE, Christian Gottlob, German critic and archaeologist, XI. 785.
 HEYSE, Paul, German tale-writer, X. 545.
 HEYWOOD, town, England, XI. 786.
 —, Jasper, English dramatist, VII. 428.
 —, John, English epigrammatist, XI. 786; IX. 366; his interludes, VII. 415.
 —, Thomas, English dramatist, XI. 786; VII. 432.
 HEZAR AFSANE, Persian tales, XXIII. 317.
 HEZEKIAH, king of Judah, XI. 787; XIII. 413.
 HIAKUNINSHIU, Japanese poems, XIII. 587.
 HIANG-KIANG (Hong-Kong), island and town, China, XII. 141; XVII. 716.
 HIAOU, island, Marquesas, Pacific, XV. 564.
 HIAWATHA, Longfellow's poem, I. 731; XIV. 861.
 HIBERNATION, of animals, XI. 787; of fishes, XII. 665; of plants, XI. 789.
 HIBISCUS, genus of plants, XI. 276.
 HICCOUGH, abnormal respiration, XX. 480.
 HICETAS, Carthaginian general, XXIII. 397.
 HICKES, George, English non-juring divine, XI. 789.
 HICKORY, tree, XI. 790; in United States, XXIII. 808.
 — NUT, XVII. 664.
 HICKS, Elias, founder of a Quaker sect, XI. 791; XX. 149.
 HIDALGO, state, Mexico, XVI. 214.
 —, Miguel, Mexican leader, XVI. 219.
 HIDDEKEL, river of Scripture, XXIII. 386.
 HIDE OF LAND, in early England, VIII. 272.
 HIDES, for tanning, XIV. 380, 384.
 HIDEYOSHI, Japanese dynasty, XIII. 583.
 HIEMPSAL, Numidian prince, XIII. 766.
 HIERA, island, Mediterranean, XIV. 682.
 HIERACAS, or Hierax, Greek ascetic, XI. 792.
 HIERACITES, ascetic sect, XI. 792.
 HIERAPOLIS, ancient town, Phrygia, Asia Minor, XI. 791.
 —, ancient town, Syria, XI. 791; VIII. 669; XXII. 822.
 HIERARCHY, XI. 792.
 HIERATIC NUMERALS, XVII. 625.
 HIERATIC WRITING, Egyptian, XI. 794.
 HIERAX, Greek ascetic, XI. 792.
 HIERO I., tyrant of Syracuse, XI. 793; XXII. 16, 814; coins of, XVII. 638.
 — II., of Syracuse, XI. 793; XXII. 21, 816; opposes Rome, XX. 747; ship of, II. 367.
 HIEROCLES, Roman proconsul, XI. 793.
 —, Neoplatonic writer, XI. 793.
 HIEROGLYPHICS, XI. 794; origin of alphabets in, I. 601; XI. 807; of numerical symbols in, XVII. 625.
 HIEROGLYPHIC WRITING, Egyptian, XI. 794; Mexican, I. 695; XVI. 212; Tibetan, XXIII. 348.
 HIEROMNEMONES, officials of Greek amphictyony, I. 772.
 HIERON, or Hiero (*q.v.*), I., tyrant of Syracuse, XI. 793; XXII. 16.
 — II., of Syracuse, XI. 793; XXII. 21.
 HIERONYMITES, order of monks, XI. 809; XVI. 711.
 HIERONYMUS (St Jerome, *q.v.*), XIII. 630.
 —, archbishop of Salzburg, his treatment of Mozart, XVII. 9.
 — of Syracuse, XXII. 817.
 —, Girolamo Aleandro, cardinal, I. 476.
 HIEROTHEUS, Book of, Syriac work, XXII. 832.
 HIERRO (Ferro, *q.v.*), island, Canaries, IV. 800.
 HIGDON, or Higden, Ranulf, English chronicler, XI. 809.
 HIGHAM-FERRERS, town, England, XVII. 556.
 HIGH COURT OF JUSTICE, England, II. 209; XIII. 788.
 HIGH COURT OF JUSTICIARY, Scotland, XIII. 790.
 HIGHGATE, suburb of London, XI. 809.
 — RESIN, mineral, XVI. 428.
 HIGH-HOLDER, or Highhole, bird, XXIV. 651.
 HIGHLAND AND AGRICULTURAL SOCIETY, Scotland, I. 305.
 HIGHLAND CATTLE, I. 389.
 HIGHLAND COSTUME, VI. 478; clan tartans, XXIII. 68.
 HIGHLANDS, of Scotland, XXI. 522.
 HIGHNESS, title, XXIII. 418.
 HIGH PLACES, of Scripture, XI. 810; of Judah, XIII. 413; worship on, III. 635.
 HIGH PRIEST, Jewish, XVIII. 510; XXII. 812; breastplate of, X. 138.
 HIGHS, or Hayes, his claim to Arkwright's inventions, II. 542.
 HIGH STEWARD, of England, XXII. 458.
 HIGH STREET, mountain, England, XXIV. 513.
 HIGH TREASON, Law of, XXIII. 527.
 HIGH WATER, tide, XXIII. 369.
 HIGHWAY PARISH, in England, XVIII. 296.
 HIGHWAYS, Law of, XI. 811; toll on, XXIII. 436.
 HIGH WYCOMBE, town, England, XXIV. 712.
 HIJAZ, or Hejaz (*q.v.*), district, Arabia, XV. 669.
 HIJRA, Hejira, or Hegira, Moslem era, IV. 679; V. 717; XVI. 545, 551.
 HIKAYAT, in Malay literature, XV. 326.
 HIKENA, mountain, Sahara, Africa, XXI. 149.
 HILARION, St, Palestinian ascetic, XI. 812; XVI. 700; XXII. 291.
 HILARIUS, or Hilary, St, bishop of Arles, XI. 812; XIX. 492.
 —, St, bishop of Poitiers, XI. 812; as hymn-writer, XII. 581.
 —, or Hilarus, bishop of Rome, XI. 812.
 HILARY. See Hilarius.
 HILDA, St, abbess of Hartlepool and Whitby, England, XI. 813; IV. 630.
 HILDBURGHAUSEN, town, Germany, XI. 814; XXI. 348.
 HILDEBERT, bishop of Tours, XI. 814.
 HILDEBRAND (Pope Gregory VII., *q.v.*), X. 488; XI. 176; XIII. 470; XIX. 498, 499; XX. 791.
 —, Bruno, German economist, XIX. 391.
 HILDEBRANDISM, VI. 241.
 HILDEBRANDSLIED, old German poem, XI. 814; X. 522.
 HILDEBRANDT, Edward, German painter, XI. 814.
 —, Theodor, German painter, XI. 815.
 HILDEGARD, German abbess and mystic, XI. 815; XVII. 132.
 HILDEN, town, Prussia, XI. 816.
 —, Fabriz von, German surgeon, XXII. 676.
 HILDERIC, Vandal king, XXIV. 59.
 HILDESHEIM, town, Hanover, Prussia, XI. 816; baptismal font at, IX. 362; ancient plate found at, XI. 816; XIX. 181.
 HILDRETH, Richard, American writer, XI. 817; I. 723.
 HILL, Viscount, English general, XI. 819.

- HILL, Aaron, English poet and dramatist, XI. 817.
 —, Abigail, lady-in-waiting to Queen Anne, XV. 553; 555; XVIII. 100.
 —, John, English postal reformer, XIX. 564.
 —, Joshua, Piteairn Islander, XIX. 132.
 —, Matthew Davenport, English criminal law reformer, XI. 817.
 —, Rowland, English preacher, XI. 817.
 —, Sir Rowland, originator of penny postal system, XI. 818; XIX. 567.
 —, Thomas, writer on physiognomy, XIX. 5.
 HILLAH, town, Asiatic Turkey, XI. 819; III. 182.
 HILLARD, George Stillman, American writer, XI. 819; I. 724.
 HILLEL, Jewish rabbi, XI. 819.
 HILLER, Johann Adam, German musical composer, XI. 820; as hymn-writer, XII. 587.
 HILL FEVER, of India, XV. 319.
 HILLIARD, Nicholas, English painter, XXI. 441; 444.
 HILL TIPPERAH, state, India, XI. 820.
 HILT, of sword, XXII. 803.
 HILTON, Walter, English devotional writer, XIV. 32.
 —, William, English painter, XI. 820.
 HILVERSUM, town, Holland, XI. 821.
 HIMALAYA, mountains, India, XI. 821; II. 684; XII. 732, 735; XVII. 340; XXIII. 339; birds of, III. 761; explorations of, X. 193.
 HIMANTOPUS, genus of birds, XXII. 551.
 HIMATION, Greek article of dress, VI. 453.
 HIMERA, town, Sicily, XI. 836; XXII. 18; coins of, XVII. 639.
 HIMMEL, Frederick Henry, German musical composer, XI. 836.
 HIMS, district of Syria, XXII. 823.
 HIMYARITIC LANGUAGE, XXI. 653.
 HINCKLEY, town, England, XI. 836.
 HINCMAR, archbishop of Rheims, theologian, XI. 836; IX. 534; XIX. 496; his contest with Pope Nicholas I., XVII. 483; his notices of Remigius, XX. 378.
 HIND AND PANTHER, Dryden's poem, VII. 492.
 HINDHEAD HILL, Surrey, England, XXII. 693.
 HINDI LANGUAGE, XI. 840; dictionaries of, VII. 191.
 HINDKIS, people, Afghanistan, I. 235.
 HINDLEY, town, England, XI. 837.
 HINDÖ, island, Norway, XIV. 769; XVII. 577.
 HINDOL, state, India, XI. 837.
 HINDU ALGEBRA, I. 517.
 HINDU CHRONOLOGY, II. 698; V. 718.
 HINDU DRAMA, VII. 396.
 HINDU FESTIVALS, IX. 117.
 HINDUISM, XII. 779; XX. 360.
 HINDU KUSH, mountains, Afghanistan, XI. 837; I. 227; II. 685; XVIII. 102; XXIII. 633.
 HINDU LAW CODES, XII. 782.
 HINDU PHILOSOPHY, IV. 427; philosophy of the categories, V. 222; logical systems, XIV. 802.
 HINDUR, hill state, India, XI. 840.
 HINDUS, their origin, XII. 779; II. 672; institution of caste among, XII. 781; ancient literary language of, XXI. 269; modern language of, XI. 840; religion of, IV. 201; XII. 780; of Bengal, III. 563; sacred city of (Benares), III. 555.
 HINDUSTAN, or India, XII. 731.
 HINDUSTANI LANGUAGE, XI. 840.
 HINDUSTANI LITERATURE, XI. 843.
 HINGANGHAT, town, India, XI. 850.
 HING-KING, town, Manchuria, XV. 466.
 HINLOPEN STRAIT, Spitzbergen, XXII. 408.
 HINNOM, Valley of, Jerusalem, XIII. 640.
 HINNY, variety of mule, XVII. 13.
 HINOJOSA DEL DUQUE, town, Spain, XI. 851.
 HINRICHS, Hermann F. W., German philosophical writer, XI. 616.
 HINTON, James, English surgeon and writer, XI. 851.
 HIOGO, town, Japan, XI. 851; XIII. 578; XVIII. 111.
 HIONG-NU, or Hiung-nu, ancient Turkish race, V. 644; XVIII. 592; XXIII. 659.
 HIOREIFSSON, Aaron, Icelandic chief, XII. 625.
 HIOUEN THSANG, or Hwen T'sang (*q.v.*), Chinese traveller and writer, XII. 418.
 HIP-JOINT, Muscles of, in man, I. 840; ankylosis of, XXII. 686.
 HIPPARCHUS, Greek astronomer, XI. 851; II. 749; XVII. 709; XX. 87; his application of astronomy to geography, X. 177; as geographer, XV. 516; XX. 91; on the motions of the moon, XVI. 799; Strabo on, XXII. 582.
 — of Athens, patron of Anacreon, I. 788; preserver of the Homeric poems, XII. 116.
 HIPPEL, Theodor Gottlieb von, German humorist, XI. 852.
 HIPPIA, epithet of Athena, Greek goddess, II. 831.
 HIPPIAS of Elis, Greek sophist, XXII. 265.
 HIPPO, or Hippo Regius, ancient town, Numidia, III. 76; IV. 32; XVII. 628.
 HIPPOCAMPUS, genus of fishes, XI. 852; XXI. 579.
 HIPPOCRATES, the so-called Father of Medicine, XI. 852; his knowledge of anatomy, I. 799; on the four elements, I. 461; his system of medicine, XV. 800; surgery of, XXII. 674.
 HIPPOCRATES, tyrant of Gela, Sicily, XXII. 814.
 HIPPOCRENE, fountain, in Greek mythology, XVIII. 468.
 HIPPODAMIA, in Greek mythology, XVII. 731; XVIII. 480.
 HIPPODROME, at Olympia, Greece, XVII. 768.
 HIPPOGLOSSUS, genus of fishes, XII. 58.
 HIPPOLYTUS, of Greek legend, XXIII. 294.
 —, St, martyr, XI. 855.
 —, ecclesiastical writer, XI. 854; XXI. 127; on Basilides, III. 420; on magic, XV. 207.
 —, Euripides's play, VIII. 675.
 HIPPONAX of Ephesus, Greek poet, XI. 855; XXI. 318.
 HIPPONUM (Monteleone), ancient town, Italy, XIV. 779.
 HIPPOPOTAMUS, ungulate mammal, XI. 855; XV. 430; XXII. 772; teeth and tusk of, XIII. 523.
 HIPPO REGIUS (Bona), ancient town, Numidia, IV. 32; XVII. 628; seat of Augustine's bishopric, III. 76.
 HIPPOSPONGIA, horse sponge, XXII. 423, 428.
 HIPPO ZARYTUS (Bizerta), ancient town, Africa, XXIII. 620.
 HIRA, old kingdom, Arabia, II. 255.
 HIRADO, island, Japan, XIII. 569.
 HIRAM, king of Tyre, XVIII. 807.
 HIRING, in law, XII. 1.
 HIRMUS, in Greek hymnody, XII. 580.
 HIRNERIUS (Imerius), Italian jurist, XIII. 277.
 HIRPINI, ancient Italian tribes, XXI. 128, 248.
 HIRSCHAU, or Hirsau, village, Würtemberg, Germany, XII. 1.
 HIRSCHBERG, town, Prussia, XII. 1.
 HIRTIUS, Aulus, friend of Caesar, XII. 2.
 HIRUDO MEDICINALIS, the leech, II. 69, 70; XIV. 400.
 HIRUNDINIDÆ, family of birds, XXII. 730.
 HIRUNDO, genus of birds, XV. 581; XXII. 730.
 HIRZEL, Hans Kaspar, Swiss moralist, XXII. 798.
 HISHAM, Ommayad caliph, XVI. 575.
 —, I., Ommayad emir of Cordova, XXII. 310.
 — II., caliph of Cordova, XV. 500; XXII. 314.
 — III., caliph of Cordova, XXII. 315.
 — B. AL-KALBI, Arab historian, XXIII. 2.
 HISINGERITE, mineral, XVI. 425.
 HISLOPITE, mineral, XVI. 397.
 HISPANIA, or Spain, XXII. 304; coins of, XVII. 635.
 HISPANIOLA (Hayti, *q.v.*), island, West Indies, XI. 543; under Columbus, VI. 174.
 HISPANO, Pedro, Portuguese scholar, XIX. 556.

- HISSAR, district and town, India, XII. 2; XX. 109.
 —, state, Central Asia, XII. 2.
- HISSARLIK, Turkey in Asia, Trojan remains at, XXIII. 581.
- HISTILÆUS, tyrant of Miletus, XI. 98; XVIII. 570.
- HISTIOPHORUS, genus of fishes, XXII. 804.
- HISTOGENETIC BODIES, in chemistry, I. 456.
- HISTOIRE ECCLÉSIASTIQUE, Fleury's, IX. 307.
- HISTOLOGY, XII. 4; III. 681; XVI. 840; in relation to medicine, XV. 795; early contributions to, XXIV. 816; Malpighi's discoveries in, XV. 338; of sponges, XXII. 418; vegetable, XII. 10.
- HISTONIUM (Vasto), ancient town, Italy, XXIV. 110.
- HISTORIA ANGLICA, by Polydore Virgil, XXIV. 255.
- HISTORIA BRITONUM, Geoffrey of Monmouth's, X. 172; Nennius's, XVII. 332.
- HISTORIÆ, of Tacitus, XXIII. 20.
 — ADVERSUM PAGANOS, of Orosius, XVIII. 50.
- HISTORIA ECCLESIASTICA, of Bede, III. 481; of Orderic, XVII. 821.
- HISTORIA MAJOR, of Matthew of Paris, XV. 634.
- HISTORIC DOUBTS RELATIVE TO NAPOLEON BONAPARTE, Whately's work, XXIV. 529.
- HISTORY, XII. 19; by Arab writers, XXIII. 1; archaeological, II. 334, 342; chronological table of principal events of, V. 720; church, V. 760; its teaching as to the development of culture, II. 121; early, V. 711; European, VIII. 713; in relation to evolution, VIII. 759; military, XXIV. 345; in relation to numismatics, XVII. 628; philosophy of, XVIII. 796; distinguished from prophecy, XXIV. 781; Roman literature of, XX. 719; Hallam's contributions to, XI. 393; Herodotus's, XI. 758; Livy's, XIV. 726; Polybius's, XIX. 412; Procopius's, XIX. 790; W. Robertson's, XX. 599; Sallust's, XXI. 219; Scaliger's, XXI. 363; Tacitus's, XXIII. 20; Thucydides's, XXIII. 325; William of Tyre's, XXIV. 584; Varro's, XXIV. 93; Vico's, XXIV. 212; Villani's, XXIV. 227; Villehardouin's, XXIV. 229; academies of, I. 76; historical societies, XXII. 227.
 — OF ENGLAND, Hume's, XII. 349; Macaulay's, XV. 128; Pauli's, XVIII. 433.
 — OF EUROPE, Alison's, I. 577.
 — OF THE HUMAN RACE, by Abulfeda, I. 61.
 — OF THE JEWISH CHURCH, by Stanley, XXII. 451.
 — OF JOHN BULL, by Arbuthnot, II. 325.
 — OF ROME, Arnold's, XX. 807; Niebuhr's, XVII. 492.
- HISTORY OF THE UNITED NETHERLANDS, Motley's, XVII. 3.
 — OF THE WORLD, by Bar Hebræus, XXII. 854.
- HISTRIA (Istria), district, Austria, XIII. 433.
- HISTRIO-MASTIX, Prynne's work, VII. 434; XX. 25.
- HISTRIONIC ART, VII. 396, 391; IX. 209.
- HIT, town, Asiatic Turkey, XII. 24; VIII. 670; XVI. 48.
- HITA, Gines Perez de, Spanish writer, XX. 659; XXII. 358.
- HITCH, seaman's knot, XIV. 128; XXI. 590.
- HITCHCOCK, Edward, American geologist, XII. 24.
- HITCHIN, town, England, XII. 25.
- HITEREN, island, Norway, XVII. 576.
- HITPADESA, Hindu fables, III. 666; VIII. 837; XXI. 287.
- HITSHIRIKI, Japanese musical instrument, XVII. 705.
- HITTITE MONUMENTS, of Phrygia, XVIII. 849.
- HITTITES, of Scripture, XII. 25; XXII. 822; their supposed connexion with Lydia, XV. 99.
- HITTORFF, Jacques Ignace, French architect, XII. 27.
- HITTORF'S THEORY, in electrolysis, VIII. 113.
- HITZIG, Ferdinand, German Biblical critic, XII. 27.
- HIUNG-NU, ancient Turkish people, XVIII. 592; V. 644; XXIII. 659.
- HIVAOA, island, Marquesas, Pacific, XV. 564.
- HIVES, for bees, III. 499.
- HIWEN T'SANG (Hwen Tsang, *q.v.*), Chinese traveller, XII. 418.
- HIXA, plant, XIV. 348.
- HJÄRNE, Urban, Swedish poet, XXII. 755.
- HJELMITE, mineral, XVI. 427.
- HLAING, river, Burmah, XXIII. 221.
- HLADOWIG (Clovis, *q.v.*), chief of the Franks, IX. 528.
 — (Louis the Pious), emperor, IX. 533.
- HLOTEHILD, wife of Clovis, IX. 529.
- HLOTHAR (Lothair, *q.v.*), emperor, IX. 533; X. 480.
 —, or Lothair, king of the Franks, IX. 530.
- HOACTZIN, bird, XII. 28.
- HOADLY, Benjamin, bishop of Winchester, XII. 29.
- HOANG-HO, river, China, V. 630; XVIII. 117; in Tibet, XXIII. 339.
- HOARE, Sir Richard Cobb, English antiquary, XII. 29.
- HOAR-FROST, XVI. 120.
- HOARSTONE, cromlech, Oxfordshire, England, XVIII. 94.
- HOATZIN, or Hoactzin, bird, XII. 28.
- HOBART TOWN (now Hobart), town, Tasmania, XII. 29; XXIII. 73.
- HOBBERMA, Meyndert, Dutch painter, XII. 30; XXI. 439.
- HOBBS, Thomas, English philosopher, XII. 31; on mental association, II. 730; on economic science, XIX. 358; his ethics, VIII. 596; on evolution, VIII. 758; his influence on Spinoza, XXII. 401; Cumberland's opposition to his views, VI. 701; his place in English literature, VIII. 422.
- HOBBS'S LOCKS, XIV. 747.
- HOBBY, bird, IX. 3.
- HOBHOUSE, Sir John Cam (Lord Broughton), English statesman, IV. 381.
- HOBOKEN, town, New Jersey, U.S.A., XII. 40; XVII. 397.
- HOBSON'S BAY, Victoria, Australia, XV. 835.
- HOCHE, Lazare, French general, XII. 40; IX. 606, 608, 610; his expedition to Ireland, VIII. 362; his rivalry with Napoleon, XVII. 199.
- HOCHELAGA, Indian settlement, Montreal, Canada, XVI. 795.
- HOCHGOLLING, mountain, Styria, Austria, XXII. 614.
- HOCHKIRCHEN, Prussian Silesia, Battle of (1758), III. 128.
- HOCHKOPF, mountain, Black Forest, Germany, XXIV. 700.
- HÖCHST, Prussia, Battle of (1795), III. 130.
- HO-CHU FU, town, China, XII. 144.
- HOCK, wine, XXIV. 602, 610.
- HODAIBIYA, Arabia, Treaty of (628), XVI. 557.
- HODGE, Charles, American theologian, XII. 40; on theology as the science of religion, XXIII. 262.
- HODGE-PODGE, in law, XII. 308.
- HODGKINSON, Eaton, English engineer, XII. 41.
- HODIERNIA, Giovanni Battista, Italian mathematician, XVIII. 191.
- HODJENT (Khojend, *q.v.*), town, Turkestan, XIV. 65.
- HODMEZÖ-VASARHELY, town, Hungary, XII. 41.
- HODOGRAPH, geometrical construction, XII. 41; XI. 71; XV. 682.
- HODOSER SEE, lake, Transylvania, XXIII. 522.
- HODY, Humphrey, English divine, XII. 43.
- HOE, agricultural implement, I. 321.
- HOEFER, Ferdinand, on alchemy, I. 462.
- HOEY (Huy), town, Belgium, XII. 415.
- HOF, town, Bavaria, XII. 43.
- HOFER, Andreas, Tyrolese patriot, XII. 44; XVII. 214; XXIII. 712.
- HOFFMANN, August Heinrich, German writer, XII. 44.
 —, Carl K., on reptiles, XX. 438.
 —, Charles F., American writer, I. 725.

- HOFFMANN, Ernst Theodor Wilhelm, German romancist, XII. 45; X. 542.
- , Friedrich, German physician, XII. 46; XV. 812; his contributions to chemistry, V. 461.
- , Johann Joseph, German Chinese and Japanese scholar, XII. 46.
- , Klementina, Polish novelist, XIX. 306.
- HOFMANN, August Wilhelm, his investigations on dyestuffs, II. 48.
- , Johann Christian Konrad von, Lutheran theologian, XII. 46; on speculative theology, XXIII. 270.
- , Johann Jacob, his *Lexicon Universale*, VIII. 194.
- HOFMANNSWALDAU, Christian Hofmann von, German writer, X. 531.
- HOFWYL, Switzerland, Fellenberg's school at, IX. 67.
- HOG, Domestic, XXII. 773; breeding and management of, I. 400.
- , Wild, of India, XII. 742; hunting of, XII. 396.
- HOGARTH, William, English painter and caricaturist, XII. 47; V. 104; his analysis of beauty, I. 222.
- HOGG, James, Scottish poet, XII. 50.
- , John, on birds, XVIII. 31.
- , Thomas Jefferson, friend of P. B. Shelley, XXI. 790.
- HOGGAR (Ahaggar), plateau, Sahara, Africa, XXI. 149.
- HOGGETS, sheep, their management, I. 395.
- HOGGING, in ships, XXI. 818.
- HOG NUT, XVII. 644.
- HOG PACKING TRADE, of Chicago, V. 611.
- HOG'S-BEAN, plant, XI. 650.
- HOGUE, La, France, Battle of (1692), IX. 579; XXIV. 580.
- HOHENELBE, town, Bohemia, XII. 51.
- HOHENHEIM, Theophrastus Bombast von (Paracelsus, *q.v.*), XVIII. 234.
- HOHENLINDEN, Bavaria, Battle of (1800), III. 132; IX. 613; XVIII. 204.
- HOHENLOHE, Princes of, XII. 51.
- HOHENMAUTH, town, Bohemia, XII. 52.
- HOHENSTAUFEN, Dynasty of, Germany, X. 489, 492; IX. 731.
- HOHENSTEIN, town, Saxony, XII. 52.
- HOHENZOLLERN, province, Prussia, XX. 14, 16.
- , Princes of, XII. 52; XX. 4; Prince Leopold nominated to Spanish throne, IX. 626.
- HOHLFLÖTE, organ pipe, XVII. 830.
- HOHLOH, mountain, Black Forest, Germany, XXIV. 700.
- HOI-HE, people, Turkestan, XXIII. 639.
- HOIJER, Benjamin, Swedish philosopher, XXII. 757.
- HOIRAN GÖL (Egerdir), lake, Asia Minor, II. 709.
- HOIST, lifting apparatus, XIV. 573; for blast furnaces, XIII. 301.
- HÔJÔ, Japanese dynasty, XIII. 583.
- HOKCHIN (Fuh-Chow), town, China, IX. 812.
- HOKMAH, or Chokma (*i.e.*, wisdom), in Hebrew literature, XI. 599; XIII. 420. See also XIII. 702; XIX. 879.
- HOLBACH, Baron d', French philosopher, XII. 52; IX. 669; on evolution, VIII. 760.
- HOLBEIN, Hans, the Elder, German painter, XII. 53.
- , Hans, the Younger, German painter, XII. 54; XXI. 438; as draughtsman, VII. 449.
- HOLBERG, Baron Ludwig, Scandinavian writer, XII. 56; VII. 90, 444; XVII. 590.
- HOLCROFT, Thomas, English dramatist and writer, XII. 57.
- HOLDENBY MANOR HOUSE, Northampton, England, XVII. 557.
- HÖLDERLIN, Johann Christian Friedrich, German poet, XII. 58.
- HOLESCHAU, or Holesov, town, Moravia, Austria, XII. 58.
- HOLIBUT, or Halibut, fish, XII. 58, 692.
- HOLINSHEAD, Raphael, English chronicler, XII. 58.
- HOLKAR, Indian title, XII. 58, 804, 845; XV. 290.
- HOLLAND, XII. 59; Alva's atrocities in, I. 648; union with Belgium (1815), III. 527; separation from Belgium (1830), III. 528; war with France (1672), IX. 576; annexation of, to France (1810), XVII. 215; relations with Spain, XXII. 328, 332; struggle with Philip II. of Spain, XVIII. 744; under De Witt, VII. 145; under Farnese, IX. 37; under Don John of Austria, XIII. 718; under William of Orange, XXIV. 578; under William the Silent, XXIV. 582; academy of sciences, I. 73; army, II. 614; birds, XVIII. 17; canals, IV. 788; church, VIII. 492; Presbyterian Church, XIX. 696; coins, XVII. 656; colonies, VI. 159; colonization of Cape of Good Hope, V. 44; drama, VII. 443; fisheries, IX. 268; Jews in, XIII. 686; libraries, XIV. 531, 549; national debt, XVII. 246; navy, XVII. 300; newspapers, XVII. 430; observatories, XVII. 715; oyster culture, XVIII. 108; periodical literature, XVIII. 542; police system, XIX. 344; prison system, XIX. 761; railways, XX. 251; Reformation in, XX. 336; in Renaissance period, XX. 392; settlements in Indian Archipelago, XII. 818; trees, IX. 400; weights and measures, XXIV. 490.
- , district, Lincolnshire, England, XVI. 655.
- , North and South, provinces, Holland, XII. 98.
- , First Lord (Henry Fox), IX. 494.
- HOLLAND, Third Lord, English politician and writer, XII. 99.
- , Sir Henry, English physician and writer, XII. 98.
- , Philemon, English translator, XII. 99; IV. 734.
- , Sir Richard, early Scottish writer, XXI. 540.
- , HOUSE, London, XII. 100.
- HOLLANDS, gin, X. 602.
- HOLLAR, Wenzel, German etcher, XII. 100.
- HOLLES, John, duke of Newcastle, XVII. 380.
- , Thomas Pelham, duke of Newcastle, English statesman, XVII. 381.
- HOLLESCHAU, or Holeschau, town, Moravia, Austria, XII. 58.
- HOLLINSHEAD, or Holinshead, Raphael, English chronicler, XII. 58.
- HOLLY, tree, XII. 101.
- HOLLYHOCK, hardy garden plant, XII. 102, 256.
- HOLMAN, James, the Blind Traveller, XII. 103.
- HOLMBURY HILL, Surrey, England, XXII. 693.
- HOLME, Thomas, colonial surveyor of Philadelphia, XVIII. 740.
- HOLMES, Oliver Wendell, American author, I. 727, 728.
- HOLMIUM, Spectrum of, XXII. 377.
- HOLNEK, mountain, South Africa, XXIII. 517.
- HOLOCEPHALA, suborder of fishes, XII. 686.
- HOLOCHEILUS, genus of rodent mammals, XVII. 6.
- HOLOCHLAMYDA, suborder of Mollusca, XVI. 648.
- HOLOFERNES, slain by Judith, XIII. 765; perhaps the Orofernes of history, XVIII. 580.
- HOLOPHOTAL ILLUMINATION, of light-houses, XIV. 621.
- HOLOSTOMIDÆ, family of trematode worms, XXIII. 539.
- HOLOTHURIDEA, order of Echinodermata, VII. 639.
- HOLOTRICHA, order of Protozoa, XIX. 863.
- HOLSTEIN, duchy, Germany, XXI. 415; its relations with Denmark, VII. 88.
- , Schleswig, province, Prussia, XXI. 414.
- HOLSTENBORG, district, Greenland, XI. 170.
- HOLT, Sir John, English lord chief-justice, XII. 103.
- HOLTSTÄTEN, or Holstein (*q.v.*), XXI. 415.
- HÖLTV, Ludwig Heinrich Christoph, German poet, XII. 104.
- HOLTZENDORFF, Ernst K. H., German surgeon, XXII. 677.
- HOLTZMANN, Adolf, on the Nibelungenlied, XVII. 476.

- HOLTZMANN, Heinrich J., on Josephus and the Acts of the Apostles, I. 126.
- HOLUMO (Gharma), country, Central Asia, XIV. 4.
- HOLY ALLIANCE (1815), III. 135; IX. 619.
- HOLY BROTHERHOOD, Spanish confederation, XXII. 326.
- HOLY COMMUNION, VIII. 651. See Communion.
- HOLY CROSS, mountain, Colorado, United States, VI. 161; XXIII. 796.
- HOLY GRAIL, The, in mediæval legend, XI. 34; XX. 645; XXIV. 632; in Chretien de Troyes's poem, v. 687.
- HOLYHEAD, town, Wales, XII. 104.
- HOLY HOUSE, cathedral of Loreto, Italy, XV. 4.
- HOLY ISLAND, Northumberland, England, XII. 105; XVII. 565.
- HOLY JUNTA, of Avila, XXII. 328.
- HOLY LANCE, Discovery of the, VI. 626.
- HOLY LAND, The, XVIII. 170.
- HOLY MAID, of Kent, III. 404.
- HOLY OFFICE, name for the Inquisition, XIII. 91.
- HOLYOKE, town, Massachusetts, U.S.A., XII. 105.
- HOLY PLACES, Pilgrimages to, XIX. 93.
- HOLY ROMAN EMPIRE, VIII. 181; X. 484; XX. 787; popedom at creation of, XIX. 496.
- HOLYROOD PALACE, Edinburgh, VII. 663.
- HOLY SEPULCHRE, Jerusalem, XXI. 670; pilgrimages to, XIX. 94.
- HOLY STATE, Fuller's work, IX. 816.
- HOLY VIRGINS, companions of St Ursula, XXIV. 13.
- HOLY WAR, Bunyan's work, IV. 529.
- HOLY WAR, Fuller's work, IX. 814.
- HOLY WATER, in Roman Catholic ritual, XII. 105.
- HOLY WEEK, in ecclesiastical calendar, XII. 106.
- HOLYWELL, town, Wales, XII. 106; IX. 327.
- HOLYWOOD, John (Sacro Bosco), Scottish mathematician and astronomer, XXI. 140, 543.
- HOLZMINDEN, town, Germany, XII. 106.
- HOMAGE, in feudal times, XII. 107; salutations as signs of, XXI. 236.
- HOMALOPSIDÆ, family of snakes, XXII. 192.
- HOMAXONIA, term in morphology, XVI. 844.
- HOMBERG, Wilhelm, Dutch natural philosopher, XII. 107.
- HOMBURG, town, Germany, XII. 107; mineral water of, XVI. 434.
- , Hesse, landgraviate, Germany, XI. 781.
- HOME, David D., American spiritualist, XXII. 405.
- , Henry (Lord Kames), Scottish judge and philosopher, XIII. 833.
- , John, Scottish dramatic poet, XII. 107.
- HOMEL, town, Russia, XII. 108.
- HOMER, Greek poet, XII. 108; language of, XI. 134; his place in Greek literature, XI. 137; his place in epic poetry, XIX. 267; references to Phœnicia in, XVIII. 805; question of the site of his Troy, XXIII. 582; recension of, by Aristarchus, II. 504; Chapman's translations of, v. 396; French translations, VI. 759; Pope's translation, XIX. 485.
- HOMERIDÆ, poets of Chios, XII. 110; XXI. 466.
- HOME RULE, in Ireland, XIII. 272.
- HOMESTEAD, Law relating to, in United States, XII. 122; XX. 308; in Iceland, XII. 620.
- HOMESTEADS, Erection of, I. 308.
- HOMEYER, Karl Gustav, German historical writer, XII. 124.
- HOMICIDE, in law, XII. 124; XV. 780; XVII. 52.
- HOMILDON HILL, England, Battle of (1402), XVIII. 523.
- HOMILIARIUM, book of homilies, XII. 125.
- HOMILIES, Books of, XII. 125; in Church of England, VIII. 379.
- HOMILITE, mineral, XVI. 409.
- HOMILY, XII. 125.
- HOMINIDÆ, zoological group containing man alone, XV. 444.
- HOMOCELA, order of sponges, XXII. 422.
- HOMODERMA, genus of sponges, XXII. 413.
- HOMŒOPATHY, system of medicine, XII. 126; XV. 814; Hahnemann's relations to, XI. 373.
- HOMOGENEOUSNESS, in matter, defined, VII. 804.
- HOMOLOGOUMENA, universally acknowledged books of Scripture, II. 128.
- HOMOLOGY, in biology, XVI. 839; distinguished from analogy, XXIV. 807.
- HOMOOUSSION, Doctrine of the, II. 830.
- HOMOPLASY, in biology, XXIV. 808; of sponges, XXII. 426.
- HOMOPTERA (Hemiptera), suborder of insects, XI. 646; XIII. 153.
- HOMO-PYROCATECHINE, product of wood distillation, XXIII. 57.
- HOMOQUININE, in chemistry, XX. 185.
- HOMOTAXIS, identity of order of types, in geology, X. 322.
- HOMPESCH, Ferdinand, grand-master, Knights of St John, XXI. 175.
- HOMRA, plateau, Sahara, Africa, XXI. 149.
- HOMS, or Hems, town, Syria, XI. 649.
- HON, Egyptian measure, XXIV. 485.
- HONAIN IBN ISHAK, Syrian physician, XXII. 847.
- HONAN, island, at Canton, China, v. 37.
- HO-NAN, province, China, v. 634.
- FOO, town, China, v. 634.
- HONDA, town, Colombia, South America, XII. 129.
- HONDECOETER, Melchior d', Dutch painter, XII. 129.
- HONDURAS, republic, Central America, XII. 129; antiquities of, I. 693.
- , British, XII. 132.
- HONE, whetstone, XII. 134.
- , William, English satirist and antiquary, XII. 135.
- HONECOURT, Wilars de, French inventor, XVIII. 554.
- HONEY, XII. 136; III. 502; lævulose in, XXII. 624; of Hymettus, XI. 88.
- HONEY-BADGER, carnivorous mammal, XX. 288.
- HONEY BEAR, carnivorous mammal, III. 462.
- HONEY-COMB, III. 489.
- HONEY-EATER, bird, XII. 139.
- HONEY-GUIDE, bird, XII. 139.
- HONEY-SUCKER, or Honey-Eater, bird, XII. 139.
- HONEYSUCKLE, plant, XII. 140.
- HONFLEUR, town, France, XII. 140.
- HONG-KIANG, river, Cochin China, VI. 93.
- HONG-KONG, island and town, China, XII. 141; observatory at, XVII. 716.
- HONG MERCHANTS, Canton, v. 38.
- HONITON, town, England, XII. 142.
- HONOLULU, town, Hawaiian Islands, XI. 531.
- HONORARIUM, Jus, in Roman law, XX. 695.
- HONORATUS, St, of Lerins, XXI. 238.
- HONORIFIC SACRIFICES, XXI. 132.
- HONORIUS I., pope, XII. 143; on Monothelitism, XVI. 758.
- II., pope, XII. 143; XX. 791.
- II., antipope, XII. 143, XIX. 498.
- III., pope, XII. 143; XIII. 474; XX. 795.
- IV., pope, XII. 143.
- , Flavius Augustus, emperor of the West, XII. 143; XX. 779; his relations with Alaric, I. 442.
- HONOUR, Order of the Legion of, XIV. 417.
- , Titles of, XXIII. 417.
- HONOURABLE, title, XXIII. 418.
- HONTHEIM, Johann Nikolaus von, opponent of Ultramontanism, XII. 143; his treatise Febronius, XIX. 507.
- HONTHORST, Gerard van, Dutch painter, XII. 143.
- HONVED, Hungarian army of defence, XII. 374.
- HOOLY (Hubli), town, India, XII. 328.
- HOCH, Pieter de, Dutch painter, XII. 144.

- HOO-CHOW FOO, town, China, XII. 144.
 HOOD, in academic costume, VI. 464.
 —, Viscount, English admiral, XII. 146.
 —, John Bell, American general, XXIII. 779, 789.
 —, Thomas, English humorist and poet, XII. 145.
 —, Tom, English humorist and poet, XII. 146.
 —, Mount, Cascade Mountains, U.S.A., XVII. 822; XXIII. 800.
 HOODED CROWS, of Europe and India, VI. 618.
 HOODED SNAKE, or Cobra, VI. 90.
 HOOD-MOULD, in architecture, II. 466.
 HOOFs, of mammals, XV. 348; of the horse, XII. 178, 195.
 HOOFT, Pieter Cornelissen, Dutch poet and historian, XII. 146, 93.
 HOOGEVEEN, village, Netherlands, XII. 147.
 HOOGE VELD, district of Transvaal, South Africa, XXIII. 518.
 HOOGE, Romain de, Dutch caricaturist, V. 104.
 HOOGHLY, or Hugli, district, India, XII. 147; town, XII. 148.
 —, river, India, XII. 147.
 HOOGSTRATEN, Samuel Dirksz van, Dutch painter, XII. 148.
 HOOK, Fishing, II. 33, 38.
 —, Reaping, XXI. 574.
 —, Theodore Edward, English novelist and dramatist, XII. 148.
 —, Walter Farquhar, dean of Westminster, XII. 149.
 HOOKAH, tobacco pipe, XIX. 111.
 HOOKE, Robert, English man of science, XII. 149; his theories of the composition of air, V. 461; on attraction, III. 64; on the laws of magnetism, XV. 236; his sextant, XXI. 724; his law of strains, XXII. 595; law of tension and force, VII. 803; his controversy with Newton, XVII. 442.
 HOOKER, Joseph, American general, XII. 150; XXIII. 777.
 —, Mrs, her process of encaustic painting, VIII. 187.
 —, Richard, English ecclesiastical writer, XII. 150; VIII. 421.
 —, Thomas, New England Puritan, XII. 726.
 —, Sir William Jackson, English botanist, XII. 152.
 HOOKS AND CODs, Dutch political parties, XII. 72.
 HOOLE, John, English translator and dramatist, XII. 153.
 HOO-NAN, province, China, V. 637.
 HOOPER, John, English bishop and martyr, XII. 153.
 HOO-PIH, province, China, V. 637.
 HOOPING-COUGH, XII. 154.
 HOOPOE, bird, XII. 154; XIV. 315.
 HOORN, town, Holland, XII. 155.
 HOOSACTUNNEL, Massachusetts, U.S.A., XV. 613.
 HOP, plant, XII. 156; culture of, I. 381; IV. 272; mildew of, XVI. 294; use of hops in brewing, IV. 272.
 HOPE, in phrenology, XVIII. 845.
 —, Thomas, English writer and antiquary, XII. 158.
 HOPEITE, mineral, XVI. 405.
 HOPETOUN HOUSE, Linlithgow, Scotland, XIV. 670.
 HÖPKEN, Anders Johan von, Swedish rhetorician, XXII. 755.
 HOPKINS, river, Victoria, Australia, XXIV. 216.
 —, Ezekiel, bishop of Londonderry, XII. 158.
 —, John, his psalms and hymns, XII. 589.
 —, Samuel, American theologian, XII. 158.
 HOPKINSON, Francis, American satirist, XII. 159; I. 722.
 —, Joseph, American poet, I. 722.
 HOPLONEMERTEA, suborder of nemertine worms, XVII. 326, 330.
 HOLOPHORIDÆ, family of fossil edentate mammals, XV. 388.
 HOP-MILDEW, XVI. 294.
 HOPOTERODONTES, suborder of snakes, XXII. 192.
 HOPNER, John, English portrait painter, XII. 159.
 HOR, district, Tibet, XXIII. 341.
 —, Mount, of Scripture, XII. 159.
 HORACE, Latin poet, XII. 159; representative of the Augustan age, III. 82; as satirist, XXI. 318; his language and style, XIV. 334; his place in Roman literature, XX. 723.
 HORATI, three brothers, champions of Rome, XII. 166.
 HORATIUS, or Horace (*q.v.*), (Quintus Horatius Flaccus), Latin poet, XII. 159.
 HORBACHITE, mineral, XVI. 391.
 HORDE, town, Prussia, XII. 166.
 HORDES, ethnological groups, VIII. 619.
 HOREB, Mount, Arabia, XXII. 88; XIII. 396; Elijah on, VIII. 135.
 HOREHOUND, plant, XII. 166, 289.
 HORGEN, town, Switzerland, XII. 166.
 HORIM, Idumean cave-dwellers, XII. 699; XXIII. 583.
 HORITZ, town, Bohemia, XII. 167.
 HORIZON, Artificial, its use in navigation, XVII. 273.
 HORMAYR, Joseph, Baron von, German statesman and historian, XII. 167.
 HORMIGAS, islets, Peru, XVIII. 671.
 HORMISDAS, Pope, XII. 167.
 HORMIZD I., king of Persia, XVIII. 608.
 — II., of Persia, XVIII. 609.
 — IV., of Persia, XVIII. 613.
 HORMUZ (Ormus), town, Persia, XVII. 856.
 HORN, HORNS, XII. 167; of animals, XV. 348, 431; XXII. 108; use of, for comb-making, VI. 178.
 HORN, musical instrument, XII. 67; XXIII. 592.
 —, Cape, South America, XXIII. 383; rounded by Le Maire and Schouten, X. 186.
 — AND RIMENHILD, Stories of, XX. 657.
 HORNBEAM, tree, XII. 168; culture of, II. 317.
 HORNBILL, bird, XII. 169.
 HORNBLLENDE, mineral, X. 228; XV. 217; XVI. 417.
 HORNBLLENDE-ANDESITE, mineral, X. 235.
 HORNBLLOWER, Jonathan, improver of steam-engine, XXII. 477; XXIV. 414.
 HORN-BOOK, XII. 170.
 HORNCastle, town, England, XII. 170.
 HORNE, George, bishop of Norwich, XII. 171; opponent of Adam Smith, XXII. 170.
 —, Thomas Hartwell, English Biblical writer, XII. 171.
 HORNED POUT, fish, XXII. 68.
 HORNELLSVILLE, town, New York, U.S.A., XII. 171.
 HORNEMANN, Friedrich K., traveller in Africa, I. 246.
 HORNER, Francis, English political economist, XII. 171.
 —, W. G., his method of solving equations, I. 516; VIII. 500.
 HÖRNESITE, mineral, XVI. 404.
 HORNET, insect, XXIV. 392.
 HORNISGRINDE, mountain, Black Forest, Germany, XXIV. 700.
 HÖRNLI, mountain, Switzerland, XXIII. 330.
 HORNPIE, bird, XIV. 308.
 HORNPIPE, dance and tune, XII. 171.
 HORN SILVER, XXII. 69.
 HORNSILVER MINE, Utah, U.S.A., XXIII. 815.
 HORNSTONE, mineral, XVI. 389, 419.
 HORN WORK, in fortification, IX. 439.
 HOROLOGIUM OF ANDRONICUS, monument, Athens, III. 8.
 HOROPTER, in optics, VIII. 826; XXII. 538.
 HOROSCOPE, Magician's, XV. 206.
 HORROCKS, or Horrox, Jeremiah, English astronomer, XII. 172; his observation of the transit of Venus, II. 754.
 HORSa, Invasion of England by, VIII. 269.
 HORSE, XII. 172; XV. 429; breeding and rearing of, I. 384; pairing with ass, XVII. 13; diseases of, XXIV. 201, 204; hair of, for manufacture, XI. 376; hides of, for tanning, XIV. 380, 386; of Arabia, II. 240; in Austria-Hungary, III. 119; of Bhutan, India, III. 632; Clydesdales, XIV. 251; Persian, XVIII. 625; wild, of Turkestan, XXIII. 635, 638; yabu of Afghanistan, I. 233.

- HORSE ARTILLERY, II. 662, 667.
 HORSE-CHESTNUT tree, XII. 205; culture of, II. 319.
 HORSE-CHESTNUT OIL, XVII. 744.
 HORSE-GREASE, as source of vaccine matter, XXIV. 24.
 HORSE GUARDS, Government office, London, XIV. 839.
 HORSE LATITUDES, The, in the North Atlantic, XVI. 144.
 HORSE-LEECH, XIV. 404.
 HORSE-MACKEREL, fish, XII. 206.
 HORSEMANSHIP, XII. 195.
 HORSENS, town, Denmark, XII. 206.
 HORSE OIL, XVII. 744.
 HORSE-POWER, engineers' unit of energy, XII. 207; XV. 715; in mechanics, XV. 772, 773; of steam-engines, XXII. 476, 491.
 HORSE-POX, XXIV. 204.
 HORSE-RACING, XII. 199; book-making at, III. 618; at Doncaster, VII. 361; the Derby and Oaks, at Epsom, VIII. 496; at Newmarket, XVII. 399.
 HORSERADISH, plant, XII. 207, 283.
 HORSE SHOES, Making of, XXI. 831; nails for, XVII. 166.
 HORSE-STINGER, dragon-fly, VII. 385.
 HORSETAIL, plant, XII. 207; XXI. 62; stem of, IV. 106.
 HORSFORD, his measurement of electrolytic resistance, VIII. 48.
 HORSHAM, town, England, XII. 208; XXII. 724.
 HORSLEY, John, English antiquary, XII. 208.
 —, Samuel, English bishop and controversialist, XII. 209; his contention with the Royal Society, XXI. 39.
 —, William, English musical composer, XII. 209.
 HORTA, Villa de, town, Azores, III. 172.
 HORTEN, town, Norway, XII. 209.
 HORTENSE, mother of Napoleon III., emperor of the French, XII. 209; XVII. 226.
 HORTENSIAN LAW, of Rome, XX. 738.
 HORTENSIVS, Quintus, Roman orator, XII. 210.
 HORTICULTURE, Science and practice of, XII. 211 (index, 295); societies for promotion of, XXII. 225.
 HORTULUS, Walafrid's poem, XXIV. 320.
 HORTUS KEWENSIS, Aiton's catalogue, I. 431.
 HORTUS SICCUS, or Herbarium, XI. 715.
 HORUS, Egyptian divinity, VII. 717.
 HORVATH, Andreas, Hungarian poet, XII. 377.
 HOS, people, India, XXII. 94.
 HOSAIN B. ALI, Husein, or Hoseyn, Moslem leader, XVI. 567, 568; II. 258; tomb of, at Kerbela, Asiatic Turkey, XIV. 48; hero of passion play, XI. 508; XVIII. 660.
 HOSEA, Old Testament prophet, XII. 295; XIII. 411.
 HOSEMANN, Andreas (Osiander), German Reformer, XVIII. 55.
 HOSHANGABAD, district and town, India, XII. 298.
 HOSIERY, XII. 299; factories in England, VIII. 233.
 HOSIUS, bishop of Cordova, XII. 300.
 HOSKYN, Chandos Wren, History of Agriculture by, I. 291.
 HOSPITAL, HOSPITALS, XII. 301; of British army, II. 583; foundling, IX. 481; seamen's, XXI. 607; in England, VIII. 253; at Paris, XVIII. 282.
 — AMBULANCES, I. 665.
 HOSPITALISM, in surgery, XXII. 678.
 HOSPITALITY, among the Greeks, XII. 307.
 HOSPITALLERS, Knights, Order of, XXI. 173, 174; XVI. 709; their rivalry with the Templars, XXIII. 163.
 HOSPITIUM, Greek institution, XII. 307.
 HOSPODARS, rulers of Walachia, XXI. 18.
 HOSTE, island, Tierra del Fuego, XXIII. 384.
 HOSTE-PIAR, mountain, Russia, XXIV. 282.
 HOSTIA, Roman courtesan, XIX. 812.
 HOT-AIR FURNACE, IX. 846.
 HOT-BLAST STOVE, XIII. 302.
 HOTCHKISS GUN, XI. 285.
 HOTCH-POT, in law, XII. 308.
 HÔTEL DES INVALIDES, Paris, XVIII. 283, 292.
 HÔTEL DE VILLE, in architecture, II. 466.
 HÔTEL DIEU, in architecture, II. 466.
 HOTELS, Law relating to, XIII. 81.
 HOTHAM, suburb of Melbourne, Victoria, XV. 8, 366.
 HOTHO, Heinrich Gustav, German art critic, XII. 308.
 HOTHOUSE, for plants, XII. 221.
 HOTMAN, François, French publicist, XII. 308.
 HOT-SPRINGS, town, Arkansas, U.S.A., XII. 309; XVI. 436.
 HOTSPUR (Henry Percy), English warrior, XVIII. 523.
 HOTTENTOTS, South-African race, XII. 309; I. 264; V. 45, 47; language of, XVIII. 779; myths of, XVII. 147; religion of, XX. 362.
 HOTTINGER, Johann Heinrich, Swiss theologian and philologist, XII. 313.
 HOTTOMAN, or Hotman, François, French publicist, XII. 308.
 HOT WAVES, of air, in United States, XXIII. 805.
 HOUAHOUNA, island, Marquesas, Pacific, XV. 564.
 HOUBRAKEN, Jacobus, Dutch engraver, XII. 314.
 HOUDAN FOWLS, XIX. 645.
 HOUDIN, J. E. Robert, French conjurer, XIV. 415; XV. 209.
 HOUDON, Jean Antoine, French sculptor, XII. 314; XXI. 563.
 HOUGHTON, John, his work on Husbandry and Trade, I. 299.
 HOUND, dog, XII. 314; VII. 328.
 —, fish, XXI. 774.
 HOUNSLOW, town, England, XII. 316; military school of music at, II. 586.
 — HEATH, England, XII. 316.
 HOUR-ANGLE, in tides, XXIII. 357, 367.
 HOURS OF IDLENESS, Byron's work, IV. 605.
 HOUSA, or Houssa, people, Africa, XII. 318; I. 271.
 HOUSATONIC, river, Massachusetts, U.S.A., XV. 611.
 HOUSE, Building of, IV. 447; architecture of, II. 392, 413, 419, 449, 453; XX. 828; sanitation of, XII. 567; early Irish, XIII. 256.
 —, Royal E., American telegraphist, XXIII. 113.
 HOUSEBREAKING, IV. 534.
 HOUSE-FLY, insect, XII. 317; proboscis of, XXIII. 478.
 HOUSEHOLD, Royal, of England, XXI. 35.
 HOUSELEEK, plant, XII. 317, 252.
 HOUSE OF COMMONS, England, VIII. 260; XVIII. 311.
 HOUSE OF LORDS, England, VIII. 259; XVIII. 310, 461; as court of appeal, II. 209.
 HOUSE OF REPRESENTATIVES, United States, XXIII. 749.
 HOUSE-PAINTING, IV. 510; XVII. 39.
 HOUSES OF PARLIAMENT, at London, XIV. 839.
 HOUSSA, people, Africa, XII. 318; I. 271.
 HOUSSAYE, Abraham N. Amelot de la, French historian, I. 668.
 HOUSTON, town, Texas, U.S.A., XII. 318; XXIII. 205.
 —, Samuel, American general and statesman, XII. 318.
 HOUTOU, bird, XVII. 3.
 HOUWAERT, Jean Baptista, Flemish poet, XII. 319, 92.
 HOVAKS, tribe, Moravia, XVI. 811.
 HOVAS, people of Madagascar, XV. 171, 324.
 HOVEDON, Roger of, English chronicler, XII. 319.
 HOWARD, Lord, of Effingham, high admiral of England, II. 544.
 —, Catherine, wife of Henry VIII., VIII. 337; XI. 665.
 —, Frederick, fifth earl of Carlisle, V. 110.
 —, George W. F., seventh earl of Carlisle, V. 110.
 —, Henry, earl of Northampton, XVII. 558.
 —, Henry, earl of Surrey, English poet, XXII. 694.

- HOWARD, John, English philanthropist, XII. 319; on prison discipline, XIX. 747.
 —, Messrs, agricultural implement makers, England, I. 318.
 —, Sir R., English dramatist, VII. 435.
 HOWE, low ground, in Scotland, XXI. 524.
 —, Earl, English admiral, XII. 323; XXIII. 743.
 —, Elias, inventor of sewing machine, XXI. 718.
 —, John, English Puritan divine, XII. 322.
 —, Sir William, British general in America, XXIII. 742, 743.
 HOWELL, James, English writer and politician, XII. 324.
 HOWITT, Mary, English writer, XII. 324.
 —, William, English writer, XII. 324.
 HOWITZER, gun, XI. 306, 310.
 HOWLEGLAS (Eulenspiegel), chap-book, VIII. 664.
 HOWLET, bird, XVIII. 88.
 HOWLING DERVISHES, VII. 114; XXII. 663.
 HOWMAN, John (John de Feckenham), English ecclesiastic, IX. 61.
 HOWRAH, town, India, XII. 325.
 HOWTH, Hill of, Ireland, VII. 494.
 HÖXTER, town, Prussia, XII. 325.
 HOY, island, Orkney, Scotland, XVII. 846.
 HOYLE, Edmund, English writer on games, XII. 326.
 HOZIER, Pierre d', French genealogist and journalist, XVII. 424.
 HRABANUS MAURUS MAGNENTIUS, archbishop of Mainz, XII. 326; XXI. 420; his encyclopædia, VIII. 191; school of, X. 522.
 HRADSCHIN, part of Prague, Bohemia, XIX. 658.
 HRODBERT (Rupert), St, of Bavaria, XXI. 61.
 HROLF (Duke Robert), Norman leader, XX. 627; IX. 535; XVII. 540.
 HROSVITHA, mediæval authoress, XII. 326; VII. 412.
 HUACAS, ruined structures in Peru, II. 452.
 HUACO (Guaco), plant, XI. 227.
 HUAHINE, island, Tahiti Archipelago, XXIII. 22.
 HUALCAN, mountain, Peru, XVIII. 672.
 HUALLAGA, river, Peru, XVIII. 673.
 HUANACO (Guanaco), ungulate mammal, XIV. 739.
 HUANCAS, Peruvian nation, XVIII. 676.
 HUANCAVELICA, town, Peru, XII. 327; XVIII. 675.
 HUANDOV, mountain, Peru, XVIII. 672.
 HUANUCO, town, Peru, XII. 327; XVIII. 675.
 HUARAZ, town, Peru, XII. 327; XVIII. 675.
 HUASCAN, mountain, Peru, XVIII. 672.
 HUAURA, islets, Peru, XVIII. 671.
 HUAYLAS, Callejon de, ravine, Peru, XVIII. 672.
 HUAYNA CCAPAC, the Great Ynca, Peru, XVIII. 677.
 HUAYNAPUTINA, volcano, Peru, XVIII. 672.
 HUBALDUS (Hucbald, *q.v.*), mediæval musician, XII. 329.
 HUBER, François, Swiss naturalist, XII. 327; on bees, III. 486, 491, 493, 497.
 —, Jean, Swiss writer, XII. 327.
 —, Johann, German theologian and philosopher, XII. 328.
 —, Marie, Swiss writer, XII. 327.
 —, Pierre, Swiss naturalist, XII. 328; on ants, II. 94.
 HUBERT, St, bishop of Liège, XII. 328.
 HUBERTSBURG, Saxony, Peace of (1763), IX. 591.
 HUBLI, town, India, XII. 328.
 HÜBNER, Johann, his dictionaries, VIII. 195.
 HÜBNERITE, mineral, XVI. 403.
 HUC, Évariste Régis, French missionary and traveller, XII. 328; in Tibet, XIV. 503; XXIII. 338.
 HUCBALD, mediæval musical composer, XII. 329; on musical scales, XVII. 80.
 HUCHTENBURG, Jacob and John van, Dutch painters, XII. 329.
 HUCKNALL-TORKARD, town, England, XVII. 598.
 HUDDERSFIELD, town, England, XII. 330; population, XXIV. 748.
 HUDIBRAS, Samuel Butler's poem, IV. 589; VIII. 424.
 HUDSON, town, New York, U.S.A., XII. 331.
 —, mineral spring, New Mexico, U.S.A., XVII. 400.
 —, George, English railway promoter, XII. 332.
 —, Henry, English navigator and explorer, XII. 332; XVII. 454; XXIII. 730; his Arctic explorations, XIX. 317.
 —, Jeffery, English dwarf, VII. 568.
 HUDSONITE, mineral, XVI. 416.
 HUDSON RIVER, United States, XII. 331; XVII. 451; XXIII. 761, 792; tunnel under, at New York, XVII. 465; XXIII. 623.
 HUDSON'S BAY, Whale fishery of, XXIV. 527.
 HUDSON'S BAY COMPANY, XII. 333; X. 190; XIX. 318; XXI. 827.
 HUÉ, town, Anam, Asia, XII. 333; VI. 96.
 HUELVA, province, Spain, XII. 334; XXII. 298; town, XII. 334.
 HUEN, Denmark, Tycho Brahe's observatory at, XVII. 709.
 HUERTAS, irrigated plains, Spain, XXII. 299.
 HUESCA, province, Spain, XII. 334; XXII. 298.
 HUESCA, town, Spain, XII. 334; university of, XXIII. 839.
 HUESCAR, town, Spain, XII. 335.
 HUET, Pierre Daniel, French bishop and scholar, XII. 335; his Huetiana, I. 785.
 HUFELAND, Christoph Wilhelm, German physician, XII. 335.
 —, Gottlieb, German jurist, XII. 336.
 HUG, Johann Leonhard, Swiss theologian and Biblical critic, XII. 336.
 HUGBALDUS (Hucbald), mediæval musician, XII. 329; XVII. 80.
 HUGGENS COLLEGE, Northfleet, England, XVII. 563.
 HUGGINS, W., his observatory near London, XVII. 711.
 HUGH, St, of Avalon, bishop of Lincoln, XII. 336.
 —, the Great, duke of France, IX. 536; X. 483; XVII. 541.
 —, count of Vermandois, crusader, VI. 624.
 — of Paris, scholastic theologian, XII. 337.
 — of St Cher, French cardinal and scholar, XII. 337.
 — of St Victor, scholastic theologian, XII. 337; XVII. 132; XXI. 425.
 — CAPET, king of France, IX. 536.
 HUGHENDEN, district, Queensland, XX. 172.
 HUGHES, David Edwin, his type-printing telegraph, XXIII. 120; his microphone, XXIII. 129, 132.
 HUGH TOWN, Scilly Isles, England, XXI. 465.
 HUGLI (Hooghly), river, district, and town, India, XII. 147.
 HUGO, or Hugh, count of Provence, XIX. 877; XX. 787.
 — of St Victor, scholastic theologian, XII. 337; XVII. 132; XXI. 425.
 —, Victor, French poet, IX. 676.
 HUGOLIN, Cardinal, his rule of Franciscan nuns, IX. 699.
 HUGUBERT (Hubert), St, bishop of Liège, XII. 328.
 HUGUENOTS, French Protestants, XII. 337; IX. 559, 560; in the Cevennes, IV. 743; under Henry IV., XI. 671; organization of, at La Rochelle, IX. 567; in relation to Presbyterianism, XIX. 693.
 —, Les, Meyerbeer's opera, XVI. 222.
 HUI NEILL, dynasty of Irish kings, XIII. 250.
 HUISNE, river, France, XVIII. 1.
 HUITZILOPOCHTLI, war-god of Aztecs, XVI. 211; XVII. 150; temple of, at Mexico, XVI. 221.
 HULAGU, Mongol prince, XVI. 588, 742.
 HULEH, lake, Palestine, XIII. 746.
 HULKS, The, for convicts, XIX. 751.
 HULL, town, England, XII. 340; XIV. 90; population and representation, XXIV. 748; fisheries, IX. 249.

- HULL, town, Quebec, Canada, XX. 167.
—, Isaac, American naval officer, XXIII. 789.
- HULNE ABBEY, Northumberland, England, I. 21; XVII. 568.
- HULS, town, Prussia, XII. 342.
- HULSE, John, English divine, XII. 342.
- HULSEAN LECTURESHIP, Cambridge university, England, XII. 342.
- HULVER, or Holly, tree, XII. 101.
- HUMAITA, town, Paraguay, XVIII. 244.
- HUMAN BODY, Anatomy of the, I. 819.
- HUMANISM, Petrarch as founder of, XVIII. 709; in relation to the Renaissance, XX. 381, 384, 391.
- HUMANITARIANISM, VIII. 720; of Leroux, XIV. 471.
- HUMANITY, Comte's religion of, VI. 237.
- HUMAN NATURE, Butler's Sermons on, IV. 587; Hume's Treatise of, XII. 351.
- HUMAN-POWER, in mechanics, XV. 772.
- HUMAN SACRIFICES, XXI. 136; in Dahomey, VI. 767; in India, III. 564; Phœnician, XVIII. 803; in Polynesia, XIX. 426.
- HUMAN UNDERSTANDING, Hume on the, XII. 348; Locke on, VIII. 425; XIV. 756, 757.
- HUMAYUN MAUSOLEUM, Delhi, India, VII. 47.
- HUMBER, river, England, VIII. 216; XIV. 654; XXIV. 747.
—, river, Newfoundland, XVII. 382.
- HUMBERT I.—III., princes of Savoy, XXI. 339.
- HUMBLE-BEE, insect, XII. 342.
- HUMBOLDT, F. H. Alexander, Baron von, German naturalist and traveller, XII. 343; his explorations in South America, X. 192.
—, Karl Wilhelm von, German statesman and writer, XII. 346.
—, mountain ranges, U.S.A., XXIII. 798.
—, river and lake, Nevada, U.S.A., XVII. 367.
- HUMBOLDTILITE, mineral, XVI. 412.
- HUME, David, Scottish philosopher and historian, XII. 346; on mental association, II. 730; as economist, XIX. 364; his ethics, VIII. 602; on evolution, VIII. 760; his logic, XIV. 793; his metaphysics, XVI. 97; his view of psychology, XX. 38; his relations with Principal Robertson, XX. 600; with Rousseau, XXI. 26; with Adam Smith, XXII. 170; on scepticism, XXI. 381, 383; his relation to theism, XXIII. 246; his place in English literature, VIII. 431, 432; Kant's criticism of his philosophy, XIII. 848; Reid's criticism, XX. 351.
—, Joseph, English political reformer, XII. 355.
- HUMEERPOOR, district and town, India, XI. 423.
- HUMERUS, Anatomy of the, I. 827.
- HUMERUS, Lars Johansson, Swedish poet, XII. 356.
- HUMIDITY, of the atmosphere, III. 33; XVI. 119; measure of, XII. 569.
- HUMILIATI, religious order, XII. 356.
- HUMITE, mineral, XVI. 410.
- HUMMEL, Johann Nepomuk, Hungarian musical composer, XII. 356.
- HUMMING-BIRD, XII. 357; III. 745.
- HUMMUNS, baths, in England, III. 437.
- HUMPHREY, Miss, Gillray's printseller, X. 600.
— CLINKER, by Smollett, XXII. 185.
- HUMS (Hems), town, Syria, XI. 649.
- HUMULUS, genus of plants, XII. 156.
- HUMUS, as manure, XV. 509.
- HUNDRED, territorial division, England, XII. 360; VI. 513; VIII. 273.
— DAYS, The (1815), IX. 618; XVII. 223.
- HUNDRED-HANDERS, of ancient legend, XXI. 321.
- HUNDRED PLAYS, of the Yuen dynasty, China, V. 666.
- HUNDRED YEARS' WAR, between France and England, IX. 545.
- HUNEA, island, New Caledonia, XVII. 376.
- HUNERIC, Vandal king, XXIV. 58.
- HUNGARIAN LANGUAGE, XII. 374; XVIII. 779; XXIV. 2; dictionaries of, VII. 188.
- HUNGARIAN LEATHER, XIV. 389.
- HUNGARIAN LITERATURE, XII. 375.
- HUNGARIANS, XII. 365; in Transylvania, XXIII. 522; in Walachia, XXI. 16.
- HUNGARIAN SISTERS, twin monsters, XVI. 766.
- HUNGARY, XII. 361 (index, 380); III. 115; early connexion of Moldavia with, XXI. 18; under Deák, VII. 12; invasions of, by the Turks, XXIII. 642, 643; revolution in (1848), III. 137; coins of, XVII. 658; language, XXIV. 2; libraries, XIV. 527, 547; mines, XVI. 468; periodical literature, XVIII. 543; Presbyterianism in, XIX. 697; Rouman population of, XXIV. 270; wine industry, XXIV. 610. See also Austria-Hungary.
- HUNGER, XVII. 667.
- HUNG SEW-TSEUEN, emperor of China, V. 651.
- HUNG-WOO, emperor of China, V. 648.
- HUNNEBIDDEN, Dutch dolmens, XXI. 52.
- HUNS, XII. 381; origin of, XXIII. 659; early home of, XXIII. 639; under Attila, III. 61; their invasion of the Gothic dominions, X. 849; of Greece, XI. 112; of the Roman empire, XX. 781; in Italy, XIII. 468; in time of Theodosius I., XXIII. 257.
—, White, or Khazars, XIV. 59; XVIII. 610, 613; XXIII. 639.
- HUNT, J. H. Leigh, English essayist, XII. 382; his relations with Shelley, XXI. 792.
- HUNT, Walter, inventor of a sewing machine, XXI. 718.
—, William Henry, English painter, XII. 384.
- HUNTER, horse, XII. 187, 194.
—, river, New South Wales, XVII. 408.
—, John, English physiologist and surgeon, XII. 385; I. 815; XV. 816; his discoveries in anatomy and surgery, XXII. 676; his contributions to zoological science, XXIV. 815; his anatomical museum, I. 819; XII. 390.
—, William, English physiologist and physician, XII. 391; I. 814; XV. 816; his contributions to embryology, VIII. 165; to zoological science, XXIV. 815.
- HUNTERIAN MUSEUM, London, I. 819; XII. 390.
- HUNTER MOUNTAIN, Catskills, U.S.A., XXIII. 793.
- HUNTING, XII. 392; with the cheetah, V. 457.
- HUNTINGDON, county, England, XII. 397; population and representation, XXIII. 727; town, XII. 398.
—, Earldom of, XXI. 482, 484; XXIII. 476.
—, Selina, Countess of, Calvinistic Methodist, XII. 399; her support of Whitefield, XXIV. 551.
- HUNTINGTON, Joseph, American Universalist, XXIII. 831.
- HUNTS (Huntingdon), county, England, XII. 397; XXIII. 727.
- HUNYADY, John, governor of Hungary, XII. 367, 368; XXIII. 642.
—, Matthias, king of Hungary, XII. 367, 368; XV. 634.
- HUNZA, state, on the upper Indus, X. 597.
- HUON, river, Tasmania, XXIII. 72.
— DE BORDEAUX, early French epic, IX. 638; XX. 653.
— ISLANDS, New Caledonia, Pacific, XVII. 376.
- HUPFELD, Hermann, German Orientalist, XII. 399; on the Pentateuch, XVIII. 506.
- HURD, Richard, English bishop, XII. 399.
- HURDWAR, town, India, XI. 475.
- HUREAULITE, mineral, XVI. 404.
- HURKA, river, Manchuria, XV. 466.
- HURMUZ (Ormus), town, on Persian Gulf, XVII. 856.
- HURN, William, English hymn-writer, XII. 595.
- HURON, Lake, North America, XXI. 178, 182.
- HURONITE, mineral, XVI. 418.
- HURONS, American Indians, XII. 827, 831.
- HURREEANA, district, India, XI. 479.
- HURRICANE-BIRD, IX. 786.
- HURRICANES, XVI. 154; in West Indies, XXIV. 511.
- HURRUR (Harar), town, North-East Africa, XI. 454.

- HURTADO, Luis, Spanish poet, xx. 656.
 HURUL, Chronicle of Roumania, xxi. 16.
 HUS, or Huss (*q.v.*), John, xii. 404.
 HUSAIN, shah of Persia, xviii. 639.
 — MIRZA, shah of Persia, xviii. 632.
 HUSBAND AND WIFE, Law relating to, xii. 400; xv. 565; divorce of, vii. 300; xxiv. 637; as witnesses, xxiv. 624.
 HUSBANDMEN, xiv. 166.
 HUSBANDRY, Book of, Fitzherbert's, i. 295.
 HUSCH, town, Moldavia, xii. 402.
 HUSEIN, or Hosain (*q.v.*), hero of a Moslem passion play, xi. 508; xviii. 660.
 HUSEYN PASHA, Turkish vizier, xxiii. 646.
 HUSHIARPUR, district, India, xii. 402; xx. 109; town, xii. 403.
 HUSI (Husch), town, Moldavia, xii. 402.
 HUSKISSON, William, English statesman and financier, xii. 403.
 HUSS, or Hus, John, Bohemian Reformer, xii. 404; xx. 322; his association with Jerome of Prague, xiii. 631.
 HUSSARS, cavalry, v. 262.
 HUSSEIN BOUSHREVIEH, Persian Babist, iii. 180.
 HUSSEY, T. J., his observatory at Hayes, England, xvii. 711.
 HUSSHIEL, Rabbi, Talmudist, xxiii. 39.
 HUSSINECZ, town, Bohemia, xii. 404.
 HUSSITES, religious Reformers, xii. 407; xx. 321.
 HUSSITE WAR, iii. 860; x. 495; xii. 407.
 HUSUM, town, Schleswig-Holstein, xii. 408.
 HUSZT, town, Hungary, xii. 408.
 HUTCHESON, Francis, Irish philosopher, xii. 408; on the sense of beauty, i. 221; his ethical system, viii. 601; his place in English literature, viii. 431.
 HUTCHINSON, John, English physicist, xii. 411.
 —, Colonel John, Puritan soldier, xii. 411.
 —, Thomas, governor of Massachusetts, U.S.A., xii. 412.
 HUT DWELLINGS, Cornwall, England, vi. 427.
 HUTIA, rat-like animal, Cuba, vi. 680.
 HUTTEN, Ulrich von, German humanist, xii. 412; x. 498, 528; his visit to Rome, xx. 325.
 HUTTON, Charles, English mathematician, xii. 414; on the invention of logarithms, xvii. 181; his mathematical tables, xxiii. 11.
 —, James, geologist, xii. 414.
 HUXHAM, John, English physician, xv. 815.
 HUXLEY, Thomas Henry, on birds, xviii. 34; his types of mankind, ii. 113; on natural selection, xxiv. 79; on the classification of reptiles, xx. 437; his zoological classification, xxiv. 809.
 HUY, town, Belgium, xii. 415.
 HUYGENS, Christiaan, Dutch mathematician and physicist, xii. 415; his air-pump improvements, xix. 246; as astronomer, ii. 755; his controversy with Hooke, xii. 149; on the law of magnetic action, xv. 236; his micrometer, xvi. 242; his telescopes, xxiii. 136; on the undulatory theory of light, xiv. 604, 610; on the plurality of worlds, ii. 740.
 —, Sir Constantijn, Dutch poet and diplomatist, xii. 417, 95.
 HUYSMANN ROELOF (Agricola), scholar, i. 290.
 HUYSMANS, family of Flemish painters, xii. 417.
 HUYSUM, Jan van, Dutch painter, xii. 418.
 HUZARA, district, India, xi. 546; xx. 109.
 HUZAYA, Joseph, Syriac writer, xxii. 836.
 HVALÖER, islands, Norway, xvii. 576.
 HWANG-HO, or Hoang-ho, river, China, v. 630; xviii. 117; xxiii. 339.
 HWEN T'SANG, Chinese traveller and writer, xii. 418; xviii. 101; in India, xii. 785.
 HWICCAS, ancient tribe, England, xxiv. 666.
 HYACINTH, garden plant, xii. 419, 256.
 —, precious stone, xiii. 532.
 HYACINTHE, Father (Hyacinthe Loyson), theologian, xvii. 754.
 —, René Théophile, French physician, xv. 816.
 HYACINTHIA, festival, at Sparta, ii. 186.
 HYACINTHUS, of Greek mythology, xii. 420; ii. 186.
 HYADES, in mythology, xii. 420.
 HYÆNA, carnivorous mammal, xii. 420; xv. 437.
 HYÆNODON, fossil carnivorous mammal, xv. 442.
 HYALINECIA TUBICOLA, species of Annelida, ii. 67.
 HYALITE, mineral, xvi. 390.
 HYALOPHANE, mineral, xvi. 420.
 HYALOSIDERITE, mineral, xvi. 410.
 HYAMIA, town, Messenia, Greece, xvi. 53.
 HYBERNATION, or Hibernation (*q.v.*), xi. 787.
 HYBLA, ancient towns, Sicily, xii. 421.
 HYBRID ANIMALS, xii. 425.
 HYBRIDISM, xii. 422.
 HYBRID PLANTS, xii. 216, 423.
 HYDAH, people, North America, xii. 826.
 HYDASPES (Jhelum), river, India, xiv. 10; reached by Alexander, i. 484.
 HYDE, town, England, xii. 426.
 —, Anne, wife of James, duke of York (James II. of England), v. 806; xiii. 559.
 HYDE, Edward, first earl of Clarendon, v. 804.
 —, Thomas, English Orientalist, xii. 426.
 — PARK, London, xiv. 824.
 HYDER, or Haidar, Sheikh, ruler of Persia, xviii. 634.
 HYDERABAD, territory, Central India, xii. 428; town, xii. 429.
 —, district, Sind, India, xii. 429; town, xii. 430.
 HYDER ALI, Mohammedan leader in India, xii. 427, 803; xvii. 124.
 HYDRA, island and town, Greece, xii. 430.
 —, genus of Hydrozoa, xii. 547.
 HYDRACHNIDES, family of Arachnida, ii. 276.
 HYDRACRYLIC ACID, xiv. 197.
 HYDRADEPHAGA, group of beetles, vi. 130.
 HYDRANGEA, greenhouse plant, xii. 431, 262.
 HYDRARGILLITE, mineral, xvi. 388.
 HYDRARGYRUM (Mercury), metal and chemical element, xvi. 31.
 HYDRATE OF CHLORAL, xvii. 232.
 HYDRATES, in metallurgy, xvi. 61.
 HYDRAULIC LIFT, xii. 520; xiv. 574.
 HYDRAULIC PRESS, xv. 753; invention of, iv. 213.
 HYDRAULIC RAM, Montgolfier's, iv. 173.
 HYDRAULICS, practical hydrodynamics, xii. 435, 459; Papin's inventions in, xviii. 229; Torricelli's discoveries in, xxiii. 453.
 HYDRAZINES, nitrogenous carbon compounds, xvii. 519.
 HYDRIA, ancient Greek vase, xix. 614.
 HYDRIDES, in chemistry, v. 476, 544.
 HYDROBORACITE, mineral, xvi. 396.
 HYDROCARBONS, in chemistry, v. 556; xviii. 237.
 HYDROCEPHALUS, disease, xii. 431; xvi. 763.
 HYDROCHELIDON, genus of birds, xxiii. 189.
 HYDROCHLORIC ACID, v. 678; as poison, xix. 279.
 HYDROCORALLINÆ, order of Hydrozoa, xii. 563.
 HYDROCYANIC ACID, xx. 22; from the cherry laurel, xiv. 348; as poison, xix. 278.
 HYDRODYNAMICS, xii. 435, 445; xix. 241; place of, among the sciences, xix. 2; D. Bernoulli's work on, iii. 606; Pascal's discoveries in, xviii. 338.
 HYDRODYNAMOMETER, for measuring velocity of liquids, xii. 508.
 HYDROGEN, chemical element, xii. 433; v. 478; used for balloons, i. 188; determination of, v. 544; in iron, xiii. 284; peroxide of, discovered by Thénard, xxiii. 252; as plant food,

- XIX. 48; spectrum of, XXII. 375; thermometric properties of, XI. 574.
- HYDROGENS, Phosphuretted, XVIII. 817.
- HYDROGRAPHIC DEPARTMENT, of the British Admiralty, XVII. 262.
- HYDROKINETER, for steam boilers, XXII. 500.
- HYDROMAGNESITE, mineral, XVI. 399.
- HYDROMECHANICS, Science of, XII. 435.
- HYDROMEDUSÆ, subclass of Hydrozoa, XII. 559.
- HYDROMEL, fermented drink from honey, XII. 137.
- HYDROMETER, for determining densities, XII. 536.
- HYDROPARASTATÆ, or Aquarians, early Christian sect, II. 217.
- HYDROPATHY, system of medical treatment, XII. 542; III. 438, 440.
- HYDROPHANE, mineral, XVI. 390.
- HYDROPHIDÆ, family of snakes, XXII. 193, 197.
- HYDROPHITE, mineral, XVI. 415.
- HYDROPHOBIA, disease, XII. 545; XX. 199.
- HYDROPHYTA, order of plants, I. 507.
- HYDRORHACHIS, bodily deformity, XVI. 763.
- HYDROSTATIC PARADOX, as basis for perpetual motion, XVIII. 554.
- HYDROSTATICS, XII. 435, 440; place of, among the sciences, XIX. 2; figure of the earth as a problem in, VII. 600.
- HYDROTALCITE, mineral, XVI. 388.
- HYDROTROPISM, in plants, XIX. 60.
- HYDROXIDES, in chemistry, V. 485.
- HYDROZINCITE, mineral, XVI. 399.
- HYDROZOA, division of animal kingdom, XII. 547.
- HYDRUNTUM, or Hydrus (Otranto), ancient Greek town, Italy, XVIII. 68.
- HYÈRES, town, France, XII. 565; population, XXIV. 69.
- HYETOMETER, rain gauge, XX. 256.
- HYETOMETROGRAPH, Hermann's, XX. 257.
- HYGIENE, XII. 566; naval, XVII. 297.
- HYGINUS, Caius Julius, Roman author, XII. 569.
- GROMATICUS, writer on surveying, XII. 569.
- HYGROMETER, Amonton's, I. 746; Deluc's, VII. 54; Saussure's, VII. 54; XXI. 324.
- HYGROMETRY, measurement of humidity, XII. 569; of atmosphere, III. 32.
- HYGROPHILITE, mineral, XVI. 425.
- HYKSOS, shepherd kings, Egypt, VII. 735.
- HYLACTES, genus of birds, XXIII. 49.
- HYLOBATES, genus of apes, II. 150.
- HYLOZOISM, Stoic doctrine of, XXII. 563.
- HYMEN, in Greek legend, XII. 571.
- HYMENÆUS, in Greek legend, XII. 571.
- HYMENIUM, in reproductive system of lichens, XIV. 554.
- HYMENOMYCETES, suborder of Fungi, IX. 832; XXIV. 127; as parasites, XVIII. 267.
- HYMENOPTERA, order of insects, XII. 571; II. 94; XIII. 148.
- HYMETTUS, mountain, Greece, III. 58; honey of, XII. 138.
- HYMNS, XII. 577; musical history of, XVII. 85; Assyrian, III. 191.
- HY NEILL, early Irish dynasty, XIII. 250.
- HYOID BONE, Anatomy of the, I. 825.
- HYOSCYAMINE, vegetable alkaloid, XI. 651.
- HYOSCYAMUS, genus of plants, XI. 650; XVII. 231.
- HYPÆTHROS, in architecture, II. 466.
- HYPATIA of Alexandria, Pagan martyr, XII. 596; XVII. 337; her scientific treatises, I. 511; her death attributed to Cyril, VI. 751.
- , C. Kingsley's novel, XIV. 89.
- HYPERÆMIA, disease, XIII. 100.
- HYPERBOLA, in geometry, VI. 278; X. 398; mensuration of, XVI. 20.
- HYPERBOLIC ANTILOGARITHMS, Tables of, XXIII. 14.
- HYPERBOLIC LOGARITHMS, Tables of, XXIII. 12.
- HYPERBOLIC TRIGONOMETRY, XXIII. 570.
- HYPERBOLOID, Mensuration of the, XVI. 27.
- HYPERGEUSIA, disease, XXIII. 80.
- HYPERIDES, Attic orator, XII. 596; ancient MS. of, XVIII. 146.
- HYPERIDROSIS, skin disease, XXII. 120.
- HYPERION, Hölderlin's work, XII. 58.
- , Keats's poem, XIV. 23.
- , Longfellow's work, XIV. 860.
- HYPERMETROPIA, defect of the eye, VIII. 820; XVII. 785; spectacles for, XXII. 372.
- HYPEROODON, genus of Cetacea, XV. 396; XXIV. 525.
- HYPERPARASITISM, XVIII. 261.
- HYPERPYREXIA, disease, XX. 517.
- HYPERSTHENE, mineral, XVI. 415.
- HYPERTROPHY, abnormal increase of bodily organs, XII. 597; XXII. 687.
- HYPHÆ, cells of Fungi, IX. 827.
- HYPHENE, genus of palms, XVIII. 190.
- HYPHESIS (Sutlej), eastern limit reached by Alexander, I. 484.
- HYPHEAR, parasitic plant, XVI. 527.
- HYPNOSIA, disease, XXII. 157.
- HYPNOTICS, narcotic drugs, XVII. 230.
- HYPNOTISM, II. 205; XV. 277; among the Greeks, II. 505.
- HYPOBLAST, in animal development, II. 51; VIII. 746; XXII. 106.
- HYPOCAUST, Roman stove, XXII. 579.
- HYPOCHONDRIASIS, disease, XII. 598.
- HYPODERMA, in vegetable histology, XII. 18.
- HYPODERMILÆ, order of Fungi, IX. 831.
- HYPOGENE ACTION, in geology, X. 240.
- HYPOGEOMYS, genus of rodent mammals, XVII. 6.
- HYPOGEUSIA, disease, XXIII. 80.
- HYPOLAIS, genus of birds, XXIV. 553.
- HYPOMESUS, genus of fishes, XXI. 221, 224.
- HYPONITROUS ACID, V. 514.
- HYPOSTASIANISM, early Christian dogma, XVI. 719.
- HYPOSTILBITE, mineral, XVI. 422.
- HYPOTHEC, in law, XII. 598; XX. 403; its effects on agriculture, I. 407.
- HYPOTHECIUM, in reproductive system of lichens, XIV. 554.
- HYPOTRICHA, order of Protozoa, XIX. 863.
- HYPOTYPOSES, Clement of Alexandria's work, V. 820.
- HYPOXANTHITE, mineral, XVI. 425.
- HYPOZOA, or Protozoa (*q.v.*), Skeletal structures of, XXII. 106.
- HYP SILANTES, or Hypsilanti, Alexander, modern Greek leader, XI. 125; XXIII. 649.
- HYPSIPRYMNODON, genus of marsupial mammals, XIII. 841.
- HYPSIPRYMNUS, genus of marsupial mammals, XIII. 840.
- HYPSIPYLE, of Greek legend, XIV. 437.
- HYPSOMETER, boiling-point thermometer, XXIII. 292.
- HYPSOMETRY, determinations of height, in surveying, XXII. 713.
- HYRACODON, extinct ungulate mammal, XV. 428; XX. 523.
- HYRACOIDEA, suborder of ungulate mammals, XV. 422.
- HYRAX, genus of ungulate mammals, XII. 598; XV. 423.
- HYRCANIA, province, Western Asia, XII. 599; XVIII. 586, 588, 592, 603.
- HYRCANUS, John, I.—II., Jewish high priests, XII. 599; XIII. 423.
- HYSMINE AND HYSMINIAS, Greek romance, XX. 636.
- HYSON, variety of tea, XXIII. 99.
- HYSSOP, plant, XII. 599, 289.
- HYSTERECTOMY, in surgery, XXII. 691.
- HYSTERIA, disease, XII. 600; XIII. 101, 108.
- HYSTERO-EPILEPSY, disease, XII. 601.
- HYSTRICOMORPHA, HYSTRICIDÆ, section and family of rodent mammals, XV. 420.
- HYSTRIX, genus of rodent mammals, XII. 416; XIX. 518.
- HYTHER, town, England, XII. 601; XIV. 39; school of musketry at, II. 586.

- I**, the ninth letter of the alphabet, XII. 602.
- IALYSUS**, hero of Rhodes, Protogenes's picture of, XIX. 828.
- , town, Rhodes, XX. 526.
- IAMBIC VERSE**, Greek, XI. 139.
- IAMBlichUS**, Syrian Neoplatonist, XII. 602; XVII. 337.
- , Greek novelist, XX. 634.
- IAPYGIAN LANGUAGE**, XIV. 327.
- IAPYGIANS**, early Italian race, XIII. 443.
- IASITHEUS** (Raphael Fabretti), Italian antiquary, VIII. 840.
- IATRO-PHYSICAL SCHOOLS**, of medicine, XV. 810.
- I AVOHAIKA**, mountain, Madagascar, XV. 168.
- IBADAN**, town, West Africa, XII. 604; XXIV. 754.
- IBARRA**, town, Ecuador, XII. 604.
- IBAS**, Syriac writer, XXII. 829.
- IBERIA**, ancient Spain, XXII. 304.
- IBERIANS**, race of people, Spain, XII. 604; IX. 527.
- IBERUS (Ebro)**, river, Spain, VII. 619.
- IBEX**, ungulate mammal, XII. 605; I. 633; XV. 432.
- IBIRIPITANGA**, Brazil wood, IV. 226.
- IBIS**, bird, XII. 606.
- IBN ABDALHAKAM**, Arab historian, XXIII. 3, 5.
- IBN ABDALLAH**, founder of the Almohades, I. 593.
- IBN ABD RABBIHI**, Arab historical writer, XXIII. 4.
- IBN ABI AMIR (Almanzor)**, sovereign of Cordova, XV. 500; XXII. 314.
- IBN ABI OSAIBIYA**, XVI. 596; XXIII. 5.
- IBN ADHARI**, Arab historian, XXIII. 5.
- IBN AL-ARABI**, Arab philologist and historian, XXIII. 3.
- IBN AL-ASHATH**, pretender to the caliphate, XVI. 572.
- IBN AL-ATHIR**, Arab historian, XXIII. 4.
- IBN AL-JAUZI**, Arab historical writer, XXIII. 4.
- IBN AL-WARDI**, Arab historian, XXIII. 5.
- IBN AMID (Elmacin)**, Egyptian historian, VIII. 152; XXIII. 5.
- IBN ARABSHAH**, Arab historian, XXIII. 5.
- IBN ASAKIR**, Arab historian, XXIII. 4.
- IBN BADJA (Avempace, q.v.)**, Spanish Moslem philosopher, II. 269.
- IBN BATUTA**, Moorish traveller and writer, XII. 607; X. 179.
- IBN EZRA (Abenezra)**, I. 36.
- IBN GEBIROL (Avicbron, q.v.)**, Jewish mystic, III. 152.
- IBN HABIB**, Arab historian, XXIII. 3, 5.
- IBN HAJAR**, Arab writer, XXIII. 5.
- IBN HISHAM**, editor of Ibn Ishak, XXIII. 2.
- IBN ISHAK**, biographer of Mohammed, XVI. 596; XXIII. 2.
- IBN IYAS**, Arab historian, XXIII. 5.
- IBN JUNIS (Ibn Yunus)**, Arabian astronomer, II. 751.
- IBN JUZAI**, Mohammed, editor of Ibn Batuta's travels, XII. 608.
- IBN KEMAL**, Turkish writer, XXIII. 656.
- IBN KHALDOUN**, Arab historian and poet, XII. 609; XXIII. 5.
- IBN KHALLIKAN**, Arab writer, XII. 609; XXIII. 5.
- IBN KHIDASH**, Arab historian, XXIII. 3.
- IBN KHORDADBEH**, author of Arabic itinerary, XVI. 596.
- IBN KOTAIBA**, Arab historian, XVI. 596; XXIII. 3.
- IBN MASUD**, editor of the Koran, XVI. 605.
- IBN MOKAFFA**, translator of Kalilah and Dimnah, III. 666; XVIII. 134.
- IBN NISHATI**, Urdu writer, XI. 848.
- IBN ROSHD (Averroes, q.v.)**, Arab philosopher and physician, III. 149.
- IBN SAUD**, Wahhabite prince of Arabia, XVII. 774.
- IBN SHIHNA**, Arab historian, XXIII. 5.
- IBN SINA (Avicenna, q.v.)**, Arab philosopher and physician, III. 152.
- IBN SJEDDAD (Bohaddin)**, Arabian writer and statesman, III. 859.
- IBN TOFAIL (Abubacer)**, Spanish Moslem philosopher, II. 269.
- IBN WADIIH**, or Yakubi, Arab historian, XXIII. 3.
- IBN ZOB AIR**, Abdallah, pseudo-caliph, XVI. 568, 570.
- IBN ZOHR (Avenzoar)**, Arab physician, III. 145; XV. 805.
- IBO**, district, West Africa, XII. 610.
- , town, Mozambique, Africa, XVII. 7.
- GROUP, of Negroes, Africa, XVII. 319.
- IBRAHIM**, caliph, XVI. 576.
- , Turkish sultan, XXIII. 645.
- NİYAL, Seljuk ruler, XXI. 634.
- PASHA, viceroy of Egypt, XII. 610; VII. 764; XXIII. 650; his conquest of the Arabs, II. 261.
- IBRAILA**, town, Roumania, XII. 610.
- IBSEN**, Henrik, Norwegian dramatist and poet, XVII. 591.
- IBU (Ibo)**, district, West Africa, XII. 610.
- IBYCUS**, Greek poet, XII. 611.
- ICA**, town, Peru, XII. 611.
- IÇA**, river, South America, VI. 153.
- ICARIA**, genus of insects, XXIV. 392.
- ICCIODURUM (Issoire)**, ancient town, France, XIII. 432.
- ICE**, XII. 611; geological action of, x. 280, 281, 366; strength of, VII. 816; formation of, in Baltic Sea, III. 295; in Polar Regions, XIX. 328, 330; used for preserving provisions, IX. 244; XIX. 709.
- ICEBERG**, XII. 614; in Polar Regions, XIX. 328, 330.
- ICE-HOUSE**, XII. 615.
- ICELAND**, XII. 616; VII. 83; discovery of, XXIII. 328; birds of, XVIII. 17; church, VIII. 491; geysers, x. 557; language, XII. 627; XXI. 368; libraries, XIV. 549; literature, XII. 621; VII. 649; XXII. 201; newspapers, XVII. 430; periodical literature, XVIII. 543.
- ICELANDIC LANGUAGE**, XII. 627; XXI. 368; dictionaries of, VII. 186.
- ICELANDIC LITERATURE**, XII. 621; VII. 649; XXII. 201.
- ICELAND MOSS**, lichen, XII. 628; XIV. 560.
- ICELAND SPAR**, mineral, IV. 653; XV. 217; XVI. 397, 419; refraction of light by, XIV. 609.
- I-CHANG**, town, China, XII. 628.
- ICH DIEN**, motto, its origin, VI. 557.
- ICHNEUMON**, carnivorous mammal, XII. 629; XV. 436.
- ICHNEUMON-FLY**, parasitic insect, XII. 629, 576.
- ICHTHYOLOGY**, XII. 630; palæontological, Agassiz's researches in, I. 275.
- ICHTHYOPTERYGIA**, order of fossil reptiles, XX. 442.
- ICHTHYOSAURUS**, extinct reptile, XII. 695.
- ICHTHYOSIS**, skin disease, XXII. 121.
- ICILIUS**, Karl G. G. von Quintus, his magnetic experiments, XV. 254.
- ICKNIELD STREET (Via Iceniana)**, Roman road, England, VII. 372; Roman remains on, XVIII. 94.
- ICOD DE LOS VINOS**, town, Canary Islands, IV. 799.
- ICOLMKILL (Iona)**, island, Scotland, XIII. 203.
- ICONIUM (Konieh)**, ancient town, Asia Minor, XV. 12.
- ICONOCLASM, ICONOCLASTS**, XII. 711; XI. 114; XIV. 453.
- ICONOGRAPHY**, classification of engraved prints, VIII. 445.
- ICOSAHEDRON**, in geometry, x. 388.
- ICOSIUM (Algiers)**, ancient town, North Africa, XV. 637.
- ICTERUS**, genus of birds, XII. 696.
- , disease, XIII. 598.
- ICTINUS**, Greek architect, II. 359.
- ICULISMA (Angoulême)**, ancient town, France, II. 46.
- IDA**, king of Bernicia, England, XVII. 569.
- , mountain, Crete, VI. 569.
- , mountains, Asia Minor, XXIII. 578.
- IDAHO**, Territory, U.S.A., XII. 697; population, XXIII. 802.
- IDALIUM**, Cyprus, Antiquities at, VI. 750.
- IDANTHYRSUS**, Scythian king, XXI. 576, 577.
- IDDAH**, town, West Africa, XVII. 497.
- IDEA**, The World as Will and, Schopenhauer's work, XXI. 450.
- IDEALISM**, Berkeley's, III. 591; Hegel's, XI. 618; Kant's, XIII. 850; Schopenhauer's, XXI. 457; Spinoza's, v. 152.

- IDEALITY, in phrenology, XVIII. 845.
 IDEALIZATION, in the fine arts, IX. 210.
 IDEAS, Plato's doctrine of, XIV. 785; XIX. 205; Philo's, XVIII. 761; Xenocrates's, XXIV. 718.
 —, Association of, II. 730; VII. 458; VIII. 607; XX. 60; Thomas Brown on, IV. 388; Hartley on, XI. 498.
 —, Innate, XVI. 91; Descartes on, V. 146; Leibnitz on, XIV. 422; Locke on, XIV. 758.
 IDEATION, in psychology, XX. 58, 69, 76.
 IDÉES NAPOLÉONIENNES, treatise by Louis Napoleon, XVII. 227.
 IDENSALMI, town, Finland, XXIV. 209.
 IDENTITY, Mental perception of, XX. 80; idea of, in metaphysic, XVI. 83; principle of, Condillac on the, VI. 250.
 IDEOGRAMS, or Ideographs, hieroglyphics, I. 603; XIII. 114.
 IDEOLOGY, De Tracy's, XXIII. 497.
 IDERO (Hydra), island, Greece, XII. 430.
 IDES, in Roman calendar, IV. 665.
 IDIOCY, form of insanity, XIII. 97.
 IDIOT BOY, The, Wordsworth's ballad, XXIV. 670.
 IDIOTS, Weights of brain of, I. 880.
 IDLE, town, England, XII. 698.
 —, river, England, XVII. 598.
 IDLER, The, by Johnson, XIII. 724.
 IDOCRASE, mineral, XVI. 410.
 IDOLA, or Classes of Error, enumerated by Bacon, III. 212.
 IDOLATRY, XII. 698, 710; condemned in the Koran, XVI. 599.
 IDOMENEO, RE DI CRETA, opera by Mozart, XVII. 10.
 IDRIA, town, Austria, XII. 699; quick-silver mines of, III. 120.
 IDRIALINE, mineral wax, XVIII. 113.
 IDRIALITE, mineral, XVI. 429.
 IDRISI (Edrisi), Arabian geographer, VII. 669; X. 177.
 IDUMEA, district, south of Palestine, XII. 699.
 IDUTWYA RESERVE, South Africa, XIII. 817.
 IDYL, in literature, XVIII. 345.
 IERAPETRA, town, Crete, VI. 572.
 IFFLAND, August Wilhelm, German dramatist, XII. 699.
 IFFLEY, Oxfordshire, England, Church at, XVIII. 94.
 IGBO (Ibo), district, West Africa, XII. 610.
 IGIDI, plateau, Sahara, Africa, XXI. 149.
 IGLAU, town, Moravia, XII. 700.
 IGLESIAS, town, Sardinia, XII. 700; XXI. 309.
 IGLO, town, Hungary, XII. 700.
 IGNATIUS, early Christian writer, II. 196; on the Gospels, X. 815, 822; his letters, XIX. 489; Cureton's edition of them, VI. 710; his relations with Polycarp, XIX. 414.
 IGNATIUS, patriarch of Constantinople, XVIII. 819; supported by Pope Nicholas I., XVII. 483.
 IGNEOUS ROCKS, in geology, X. 307.
 IGNIS FATUUS, or Will-o'-the-Wisp, XVIII. 813.
 IGNORANTINES, French religious brotherhood, XII. 700.
 IGOLOTES, or Igorrotes, race, Philippine Islands, XVIII. 753.
 IGOR, Russian chief, XXI. 87, 104.
 IGORROTES, or Igolotes, race, Philippine Islands, XVIII. 753.
 IGUALADA, town, Spain, XII. 700.
 IGUANA, lizard, XII. 700; XIV. 735.
 IGUANODON, fossil reptile, XII. 701; XX. 442.
 IGVINE (or EUGUBINE) TABLES, VIII. 663.
 IGVIVUM (Gubbio), ancient town, Italy, XI. 243; XXIII. 724.
 IHIBHA, or Denha, Syriac writer, XXII. 848.
 IHRE, Johan, Swedish philologist, XI. 200; XXII. 755.
 IKAN PRUT, fish, Java, XIII. 606.
 IKI, island, Japan, XIII. 569.
 IKIRUN, town, West Africa, XXIV. 754.
 IKUVIO (Gubbio), ancient town, Italy, XI. 243.
 ILA (New Kuldja), town, Central Asia, XIV. 154.
 ILATS, or Iliyats, Turcoman tribes in Persia, XVIII. 627; XXIII. 661.
 ILCHESTER, town, England, XII. 702.
 ÎLE-DE-FRANCE, district, France, XII. 702.
 ILERDA (Lerida), Roman town, Spain, XIV. 470.
 ILESHA, town, West Africa, XXIV. 754.
 ILEUM, or Small Intestine, Anatomy of the, VII. 226; XVII. 668.
 ILEX, genus of trees, XII. 101; XV. 627; XVII. 694.
 ILFRACOMBE, town, England, XII. 702.
 ILHAVO, town, Portugal, XII. 702.
 ILI, river, Central Asia, XII. 702; XXI. 640.
 ILIAD, Homeric poem, XI. 137; XII. 117; Quintus Smyrnaeus's continuation, XX. 188; ancient MSS. of, XVIII. 146; Earl Derby's translation of, VII. 112.
 ILICI (Elche), ancient town, Spain, VII. 827.
 ILIGH, town, Morocco, XVI. 834.
 ILINIZA, mountain, Ecuador, VII. 645.
 ILION, or Troy, ancient town, Asia Minor, XXIII. 579.
 ILIPULA (Loja), ancient town, Spain, XIV. 810.
 ILISSUS, river, Greece, III. 60; XI. 82.
 ILIUM, or Troy, ancient town, Asia Minor, XXIII. 579; coins of, XVII. 646.
 —, or Haunch-Bone, Anatomy of the, I. 828.
 ILIYATS, Turcoman tribes in Persia, XVIII. 627; XXIII. 661.
 ILKESTON, town, England, XII. 703; XVII. 598.
 ILKHANS, Mongol empire of the, XVI. 742.
 ILKHANY, Tables of the, Mongol astronomical work, X. 178.
 ILL, river, Germany, XX. 519.
 ILLAWARRA, lake, New South Wales, XVII. 408.
 ILLE-ET-VILAINE, department, France, XII. 703.
 ILLEGITIMACY, in law, III. 426; statistics of, III. 427.
 ILLIGER, Johann K. W., on birds, XVIII. 14, 22.
 ILLINOIS, State, U.S.A., XII. 703; population, XXIII. 802.
 ILLORICATA, division of Rotifera, XXI. 8.
 ILLUMINANTS, for lighthouses, XIV. 626.
 ILLUMINATED BORDERS, of books, XXIII. 696.
 ILLUMINATED MANUSCRIPTS, VI. 451; XII. 707.
 ILLUMINATI, mystic sects, XII. 706.
 ILLUMINATION, by flame, IX. 282; intensity of, XIV. 582; of lighthouses, XIV. 618.
 —, of written or printed texts, XII. 707; XVI. 437; XXIII. 682.
 —, The, or Aufklärung, in Germany, XX. 289.
 ILLUMINATOR, St Gregory, XI. 179.
 ILLUMINÉS, French mystic sect, XII. 706.
 ILLUNUM (Hellin), ancient town, Spain, XI. 637.
 ILLUSIONS, in magic, XV. 207; optical, II. 205.
 ILLUSTRATED NEWSPAPERS, XVII. 419.
 ILLYRIA, or Illyricum, country, Eastern Europe, XII. 709; invasion of, by Rome, XX. 748; coins of, XVII. 641.
 ILLYRICUM, country, Eastern Europe, XII. 709.
 ILMEN, Lake, Russia, XVII. 606; XX. 35; XXI. 73.
 ILMENAU, town, Germany, XXI. 349.
 ILMENITE, mineral, XVI. 386; polarity of, XIX. 313.
 ILOBU, town, West Africa, XXIV. 754.
 ILOILO, town, Philippine Islands, XVIII. 752.
 ILOPANGO, lake, Central America, XXI. 268.
 ILORI, or Ilorin, town, West Africa, XII. 710; XXIV. 754.
 ILOVLA, river, Russia, XXI. 304.
 ILTCHI, town, Turkestan, XXIII. 639.
 ILURO (Oloron), ancient town, France, XVII. 765.
 ILZSTADT, suburb of Passau, Bavaria, XVIII. 344.

IMAGE, on the retina, VIII. 817.

— BOOKS, or Block Books, III. 652; XXIII. 682.

IMAGES, Mental, XX. 58.

IMAGE WORSHIP, XII. 710.

IMAGINARIES, Theory of, in equations, VIII. 501.

IMAGINATION, in psychology, XX. 57; in the fine arts, IX. 210; poetic, XIX. 263; productive, Kant on, XIII. 852; Gassendi's theory of, X. 106; Spinoza on, V. 153; Wordsworth's theory, XXIV. 672.

IMAGINES, work by Philostratus, XVIII. 797.

—, work by Varro, XXIV. 93.

IMAGO, fully developed butterfly, IV. 594.

IMAM, Mohammedan priest, XII. 714; XVI. 592; XIX. 730; XXII. 662.

IMAMBA, snake, in Natal, XVII. 241.

IMANDRA, lake, Russian Lapland, XIV. 305.

IMAU, Northern, of Ptolemy, Pamir plateau, XVIII. 102.

IMBABURA, mountain, Ecuador, VII. 644.

IMBECILITY, modification of idiocy, XIII. 97.

IMBRA, deity of Afghan Kafirs, XIII. 822.

IMBROS, island, Ægean Sea, XII. 714.

IMERINA, district, Madagascar, XV. 168.

IMERITIA, district, Transcaucasia, Russia, XII. 715; XXIII. 513.

IMERITIANS, race of people, Caucasus, V. 257.

IMHOTEP, Egyptian divinity, VII. 718.

IMITATIO CHRISTI, the question of its authorship, XIV. 32.

IMITATION, in fine art, IX. 202.

—, a basis of language, XVIII. 767.

IMITATIVENESS, in phrenology, XVIII. 845.

IMLAY, Captain Gilbert, his relations with Mary Wollstonecraft, X. 716.

IMMA, wife of Eginhard, VII. 698.

IMMACULATE CONCEPTION OF B. V. MARY, Roman Catholic dogma, XII. 715; XV. 590; XVII. 754; at the council of Trent, XXIII. 546; declaration of, as article of faith, XIX. 159; Duns Scotus's defence of, VII. 545.

IMMANES, order of birds, XVIII. 44.

IMMERMANN, Karl Leberecht, German dramatist, XII. 716; X. 543.

IMMERSIONS, Long, by swimmers, XXII. 771.

IMMIGRATION, at New York, XVII. 460.

IMMORTALITY OF THE SOUL, VIII. 535; Aristotle on, II. 522; Butler on, IV. 584; Plato on, XIX. 199; Augustine's work on, III. 77.

IMMORTELLE, plant, XII. 716.

IMMIRAMS, class of Irish legends, V. 310.

IMMUNITIES, Ecclesiastical, Church of Rome, XX. 630.

IMMUNITY, in law, XIX. 764.

IMOLA, town, Italy, XII. 717.

IMPACT, in mechanics, XV. 719.

IMPASTING, in painting, XVIII. 138.

IMPEACHMENT, in law, XII. 717; by English parliament, VIII. 319; of peers, XVIII. 313.

IMPENETRABILITY, Perception of, in psychology, XX. 56.

IMPENNES, group of birds, XVIII. 45.

IMPERATOR, Roman title, III. 80; VIII. 179; XX. 769.

IMPERFORATA, subclass of Protozoa, XIX. 845.

IMPERIAL, Francisco, Spanish poet, XXII. 355.

— CITIES, of Germany, IX. 747.

IMPETIGO, skin disease, XXII. 123.

IMPLEMENTS, of husbandry, I. 311.

IMPORTS, National, Table of, per head, XVII. 247; taxes on, XXIII. 89.

IMPOST, in architecture, II. 466.

IMPOTENCE, in man, XV. 778; XXI. 576.

IMPREGNATION, of ovum, XX. 417.

IMPRESSIONS, Mental, XX. 57; Hume on, XII. 352.

IMPRESSMENT, of English labourers, XIV. 167; for the navy, XVII. 295; XXI. 605.

IMPRISONMENT, XIX. 747.

IMPROVEMENTS OF LAND, Law relating to, XIV. 275, 277.

IMVRO (Imbros), island, Ægean Sea, XII. 714.

INACCESSIBLE ISLAND, South Atlantic, XXIII. 576.

INARA, lake, Russian Lapland, XIV. 305.

INARIME (Ischia), island, Italy, XIII. 385.

INARUS, Egyptian prince, XVIII. 574.

INCAMMINATI, Italian academy of painting, V. 81.

INCANDESCENCE, as a source of light, XIV. 579.

INCANDESCENT ELECTRIC LAMP, XIV. 632.

INCANTATIONS, Magical, XV. 199; VII. 63.

INCA REMAINS, Ecuador, VII. 648.

INCARNATION, Doctrine of the, XIII.

670; Athanasius on, II. 828; Nestorius on, XVII. 356; Theodore on, XXIII. 255.

INCAS, or Yncas, Empire of the, Peru, I. 697, 698; IV. 17; XVIII. 677.

INCENSE, burnt perfume, XII. 718; IX. 709.

— CUPS, so-called, XIX. 602.

INCEST, XII. 722.

INCHBALD, Elizabeth, English dramatist, XII. 722.

INCIDENCE OF TAXATION, XXIII. 87.

INCIDENT, The, in Scottish history (1641), XXI. 513.

INCLOSURE COMMISSION, England, XIV. 266.

INCLOSURE OF COMMONS, VI. 210.

INCOME, National, XVII. 247.

— TAX, XXIII. 88; Pitt's, IX. 187.

INCOPRESENTABILITY, in psychology, XX. 46.

INCREMENT, The Unearned, in economics, XIV. 267.

INCUBATION, of birds, III. 775; variability of instinct illustrated from, XIII. 158.

INCUBUS, dream demon, VII. 62.

INCUNABULA, early specimens of typography, III. 653.

INDEMNITY, Acts of, XVIII. 272.

INDEPENDENCY, Milton's relation to, XVI. 330.

INDEPENDENTS, religious denomination, XII. 722; VI. 268; rise of the, VIII. 347; English, their relation to Presbyterianism, XIX. 686.

INDEX, XII. 729.

— EXPURGATORIUS, of Roman Catholic Church, XII. 730; of the Inquisition, XIX. 714.

— LIBRORUM PROHIBITORUM, of Roman Catholic Church, XII. 730; III. 659; XX. 630.

— NUMBERS, in statistics, XXII. 466.

INDIA, country, Asia, XII. 731 (index, 812); II. 685; antiquity and persistency of its civilization, II. 700; under Clive, VI. 9; under the marquis of Dalhousie, VI. 777; English measures for, VIII. 342, 356, 359, 367; Fox's policy for (1783), XIX. 139; invasion of, by Alexander, XII. 786; XVIII. 583; by Darius I., XVIII. 569; by Nadir Shah, XVIII. 642; by Timur, XXIII. 399; Mahrattas in, XV. 288; as a Parthian satrapy, XVIII. 586, 592; Sikh war (1846), XIV. 371; Wellesley's policy in, XXIV. 492; Wellington's operations in, XXIV. 494; architecture of, II. 394; army, II. 589; ancient astronomy, II. 746; XXI. 294; birds, III. 761; XVIII. 16; carpet manufacture, V. 129; caste, V. 187; coalfields, VI. 58; coins, XVII. 660; cotton supply and manufacture, VI. 483, 487; debt, XVII. 247; diamond mines, VII. 164; freshwater fishes, XII. 671; forests, IX. 404; glass-making, X. 651; infanticide in, XIII. 3; irrigation works, XIII. 369; jute culture, XIII. 800; land laws and customs, XIV. 262; languages, XVIII. 784; libraries, XIV. 533, 549; mines, XVI. 469; Christian missions, XVI. 513, 517; Jesuit missions, XIII. 651; mosques, XVI. 866; mythology, XVII. 152; newspapers, XVII. 432; observatories, XVII. 716; official rank in, XIX. 667; opium cultivation, XVII. 789; pearl fisheries, XVIII. 447; periodical literature, XVIII. 539; pilgrimages, XIX. 92; plague in, XIX. 168; police system, XIX. 341; post office, XIX. 578; prison system, XIX. 757; railways, XX. 252; rainfall, XVI. 151; rajahs, XX. 259; early religion, XXIV. 821; reptiles, XX. 467; routes to, affecting commerce, VI. 201; tea culture, XXIII.

- 99; European travellers in, x. 188; trigonometrical survey of, xxii. 696; x. 191; universities, xxiii. 856; weights and measures, xxiv. 490.
- INDIA, History of, James Mill's, xvi. 307.
- INDIANA, State, U.S.A., xii. 813; population, xxiii. 802.
- , novel by George Sand, vii. 509.
- INDIANAPOLIS, town, Indiana, U.S.A., xii. 814.
- INDIAN ARCHIPELAGO, xii. 815; dictionaries of languages, vii. 191; rainfall of, xvi. 151.
- INDIAN BADGER, carnivorous mammal, xx. 288.
- INDIAN CHRONOLOGY, v. 718.
- INDIAN CORN, or Maize, xv. 309.
- INDIAN CRESS, plant, xii. 285.
- INDIAN EMPIRE, Order of the, xiv. 124.
- INDIAN INK, xiii. 80; xix. 88.
- INDIAN INSCRIPTIONS, xiii. 118.
- INDIAN MILLET, cereal plant, vii. 564.
- INDIAN MUTINY (1857), ii. 591; xii. 809.
- INDIAN OCEAN, xii. 820.
- INDIAN PINK, plant, xix. 107.
- INDIAN QUEEN, Dryden and Howard's tragedy, vii. 489.
- INDIANS, American, xii. 822, 830; i. 685; displacement of, xxiii. 819; languages of, xviii. 780; dictionaries of languages, vii. 192; mythology, xvii. 148; religions, xx. 364; totems, xxii. 467; Eliot's work among, viii. 137; Penn's influence over, xviii. 496; of Costa Rica, vi. 450; of South America, i. 89; of Colombia, vi. 155; of Peru, xviii. 677.
- INDIAN STEEL, xiii. 342.
- INDIAN TERRITORY, United States, xii. 833; population, xxiii. 802.
- INDIA-RUBBER, xii. 835; elasticity of, vii. 801, 813; trees, ix. 154; xviii. 673.
- INDICATOR, genus of birds, xii. 140.
- , in steam-engine, xxii. 476, 487, 490, 495.
- INDICOLITE, mineral, xvi. 409.
- INDICOPLEUSTES (Cosmas), cosmographer, vi. 445; x. 177.
- INDICTION, Cycle of, iv. 670; v. 716.
- INDICTMENT, in law, xii. 842.
- INDIFFERENCE, Theory of, in scholastic philosophy, xxi. 423.
- INDIGES, epithet of Jupiter, xiii. 780.
- INDIGESTION, vii. 586.
- INDIGO, dyeing material, xii. 843; vii. 576; colours from, iv. 689; xix. 87; cultivation of, in India, iii. 508, 568; xii. 749.
- INDIGO-BIRD, xvii. 534.
- INDIGOTIN, pure indigo blue, xii. 843, 844.
- INDIUM, chemical element, xii. 844; v. 533.
- INDIVIDUALITY, in living organisms, iii. 688.
- INDIVIDUATION, Principle of, in scholasticism, xxi. 428.
- INDO-ARABIC NUMERALS, xvii. 627.
- INDO-CHINESE LANGUAGES, Dictionaries of, vii. 191.
- INDO-CHINESE RACE, ii. 697.
- INDO-EUROPEAN LANGUAGES, xviii. 778, 784; Semitic character of their alphabets, i. 608.
- INDO-GERMANIC LANGUAGES, xviii. 778, 784.
- INDO-HOMERIC GROUP, of alphabets, Lenormant's, i. 608.
- INDO-IRANIANS, of the Parthian empire, xviii. 606.
- INDONESIANS, Malay people, xv. 324.
- INDORE, state, India, xii. 845.
- INDO-SCYTHIA, xviii. 599.
- INDRA, ancient Hindu divinity, iv. 202; xv. 90; xvii. 153.
- INDRAGIRI, kingdom, Sumatra, xxii. 639.
- INDRAMAYU, town, Java, xiii. 606.
- INDRAPURA, mountain, Sumatra, xxii. 638.
- INDRE, department, France, xii. 846.
- , river, France, xiv. 806.
- INDRE-ET-LOIRE, department, France, xii. 846.
- INDRIS, genus of lemurs, xiv. 441.
- INDUCTION, in algebra, i. 523.
- , in philosophy, i. 797; xiv. 785, 789; Aristotle on, ii. 516; Baconian method of, iii. 215; Socratic use of, xxii. 236.
- , Magnetic, xv. 224, 243, 250.
- INDULGENCE, INDULGENCES, of Roman Catholic Church, xii. 846; xviii. 487; decree respecting, in council of Trent, xxiii. 550; Luther's opposition to, xv. 72; sale of, xx. 326; Nicholas V.'s, early printed books, xxiii. 684.
- INDULPH, or Indulf, king of Picts and Scots, xvii. 570; xxi. 479.
- INDUS, river, India, xii. 847, 732; iv. 21; xx. 107; xxii. 90; Alexander's voyage down, i. 484.
- INDUSTRIAL REFORMATORY SCHOOLS, xx. 338.
- INEDIA, or Starvation, vii. 208.
- INERMIA, suborder of sponges, xxii. 423.
- INERTIA, of matter, xv. 676; moment of, iv. 288; xv. 732; in steam-engine, xxii. 510; Clerk Maxwell on, xv. 748.
- INFALLIBILITY, Papal, Dogma of (1870), xxiv. 110; xix. 158; xvii. 754; Leo II. on, xiv. 449.
- INFANCY, Diet in, vii. 200; period of, xv. 778.
- INFANT, in law, xiii. 1; i. 279; guardianship of, by the mother, xxiv. 641.
- , Condition of, in limbo, xiv. 646.
- , of Spain, title, xix. 738.
- INFANTICIDE, xiii. 3; ix. 481; xv. 780; in China, v. 670; in India, iv. 211; xii. 745; xv. 303; in Madagascar, xv. 173.
- INFANTRY, of British army, ii. 580 (see also article Army throughout); tactical management of, xxiv. 353.
- INFECTIO, in diseases, xv. 796; xviii. 401; organisms causing, xxi. 407; xxii. 680; in the plague, xix. 162.
- INFERNO, Dante's, vi. 815.
- INFINITE, INFINITESIMAL, in mathematics, xiii. 13, 14.
- , The, as an implicit condition of thought, xxiii. 246; as an object of religious thought, xxiii. 246; idea of, in Cousin's philosophy, vi. 526; in Descartes's, v. 144; in Hamilton's, xi. 418; in Locke's, xiv. 759; in Malebranche's, v. 150; in Spinoza's, v. 155.
- INFINITESIMAL CALCULUS, xiii. 5; xv. 630; xvi. 19; Kepler on, xiv. 47.
- INFINITY, in Zeno's paradoxes, xxiv. 778.
- INFIRMARY, hospital, xii. 301.
- INFLAMMATION, diseases, xviii. 398; bronchitis, iv. 362; cystitis, xxiv. 188; erysipelas, viii. 531; xviii. 398; meningitis, xvi. 11; otitis, xxii. 685; otitis, vii. 594; peritonitis, xviii. 547; phlebitis, xxii. 684; pneumonia, xix. 249. See also xi. 554, and articles Ophthalmology and Throat Diseases.
- INFLEXIBLE, British warship, xvii. 286.
- INFLEXION, of Aryan words, xviii. 789.
- INFLORESCENCE, in plants, iv. 121.
- INFLUENZA, disease, xiii. 73; in Polynesia, xix. 422; of the horse, xxiv. 203.
- INFORMATION, in law, xiii. 73.
- INFUSORIA, or Protozoa, xix. 830; skeletal structures of, xxii. 106.
- INGÆVONES, ancient Germanic tribe, x. 473.
- INGAUNI, Ligurian tribe, Italy, xiii. 446; xiv. 640.
- INGE, Swedish king, xxii. 745.
- INGEBORG, wife of Philip II. of France, ix. 541.
- INGELHEIM, Ober- and Nieder-, towns, Germany, xiii. 73.
- INGEMANN, Bernhard Severin, Danish poet and novelist, xiii. 73; vii. 92.
- INGENA (Avranches), ancient town, France, iii. 157.
- INGFANGTHEOF, Cinque Port privilege, v. 787.
- INGLEBOROUGH, mountain, England, xxiv. 746.
- INGLEFIELD, Sir Edward A., Arctic explorer, xix. 322.
- INGOLDSBY LEGENDS, by Barham, iii. 374.
- INGOLSTADT, town, Bavaria, xiii. 74; university of, xxiii. 842.
- INGRASSIAS, John Philip, Sicilian anatomist, i. 809.
- INGRES, Jean Auguste Dominique, French painter, xiii. 74.
- INGULPHUS, or Ingulf, English abbot, xiii. 76.
- INGUR, river, Caucasus, v. 253.

- INHERITANCE, in law, XIII. 77; in relation to intestacy, XIII. 197; to primogeniture, XIX. 733; Indian caste law of, v. 191; in Roman law, XX. 674, 692, 706, 713; rules of, among aboriginal tribes, XXIII. 473.
—, in animal-breeding, IV. 245. See also Heredity.
—, novel by Miss Ferrier, IX. 111.
- INIA, genus of cetacean mammals, XV. 398.
- INISHMURRAY, islet, Sligo, Ireland, XXII. 159.
- INISHTURK, island, Ireland, XV. 650.
- INISPATRICK, island, Ireland, VII. 495.
- INITIALS, Book, XXIII. 686, 696.
- INJECTIO, Manus, in Roman law, XX. 684.
- INJECTOR, for steam boilers, XXII. 500.
- INJUNCTION, in law, XIII. 78; in Roman law, XX. 709.
- INJURIES, Bodily, XXII. 680; physiological repair of, XVIII. 363.
- INK, XIII. 79; lithographic, XIV. 698; printing, XXIII. 708.
- INKPEN BEACON, XXIV. 593.
- INK-SAC, of cuttlefish, VI. 736.
- INLAYING, method of ornamentation, XIII. 81.
- INN, river, tributary of Danube, VIII. 213; XXII. 776.
- INNERLEITHEN, town, Scotland, XVIII. 452.
- INNER TEMPLE, legal society, London, XIII. 87, 89.
- INNISFALLEN, island and monastery, Ireland, XIV. 52, 76.
- INNKEEPERS, Law relating to, XIII. 81.
- INNKEEPERS' LIEN, in law, XIV. 570.
- INNOCENT I., pope, XIII. 82; XIX. 491.
— II., pope, XIII. 82; XIX. 500; XX. 792.
— III., pope, XIII. 82, 474; XIX. 500; XX. 795.
— IV., pope, XIII. 84, 475; XX. 796.
— V., pope, XIII. 84.
— VI., pope, XIII. 84; XX. 801.
— VII., pope, XIII. 84; XX. 804.
— VIII., pope, XIII. 85; XX. 806.
— IX., pope, XIII. 85.
— X., pope, XIII. 85; XIX. 506.
— XI., pope, XIII. 85; XIX. 506.
— XII., pope, XIII. 85; XIX. 506.
— XIII., pope, XIII. 86.
- INNOCENTS, Massacre of the, by Herod, XIII. 661.
- INNS, Law relating to, XIII. 81.
—, King's, legal school, Dublin, XIII. 90.
- INNSBRUCK, or Innspruck, town, Tyrol, Austria, XIII. 86; its sculptures, XXI. 566; university of, XXIII. 846.
- INNS OF COURT, English legal societies, XIII. 87; III. 394.
- INOCULATION, of cowpox, XXIV. 23; of smallpox, XXII. 164.
- INORGANIC CHEMISTRY, v. 467.
- INOWRAZLAW, town, Prussia, XIII. 91.
- INQUEST, by recognition, in Anglo-Norman law, XIII. 784; coroner's, VI. 431.
- INQUIRY, judicial writ, XXIV. 696.
- INQUISITION, of Roman Catholic Church, XIII. 91; XI. 736; XX. 629; establishment of, XVIII. 430; establishment in France, I. 487; relation of the Jesuits to, XIII. 650; application of torture by, XXIII. 463; in time of Philip II., XVIII. 744; under Pope Pius V., XIX. 154; in Italy, XIII. 482; in Portugal, XIX. 546; in Spain, IX. 82; XXII. 326, 329.
- INSANE, Conolly's treatment of the, VI. 289; treatment of, at Gheel, Belgium, X. 562; Tuke's treatment of, XXIII. 604; weight of brain in the, I. 879.
- INSANITY, XIII. 95; Warren's definition of, XXIV. 373; law relating to, XIII. 111; in medical jurisprudence, XV. 780; in relation to crime, VI. 584.
- INSAR, town, Russia, XVIII. 515.
- INSCRIPTIONS, Ancient, XIII. 114; on coins, XVII. 633; Indian (numerals), XVII. 626; Javanese, XIII. 609; Latin, XIV. 328; Ogam, v. 306; at Behistun, Persia, III. 509; XVIII. 567; at Pompeii, XIX. 450; on pottery, XIX. 610, 616, 619; Roman, abbreviations in, I. 26; Runic, XXI. 366, 370; Sabæan, XXIV. 739; in Yucatan, Central America, XXIV. 759.
—, Academy of, France, I. 76.
- INSECTA, or Insects (*q.v.*), XIII. 141.
- INSECTIVORA, order of Mammalia, XV. 400.
- INSECTIVOROUS PLANTS, XIII. 134.
- INSECTS, XIII. 141; effect of climate on, I. 86; hibernation of, XI. 789; mimicry in, XVI. 342; olfactory organs of, XXII. 165; parasitic, XVIII. 257, 259; wings of, IX. 314; of Himalayas, XI. 834; in India, XII. 743; Bonnet's observations on, IV. 35; Swammerdam's collection of, XXII. 730.
- INSILAH, town, Tuat oasis, Africa, XVII. 695.
- INSOLATION, or Sunstroke, XXII. 666.
- INSOMNIA, disease, XXII. 157.
- INSPIRATION, Theological doctrine of, XIII. 154; II. 191; as held by Philo, v. 4; XVIII. 760; Plato's doctrine of, XIX. 197.
—, of the breath, XX. 477.
- INSTADT, suburb of Passau, Bavaria, XVIII. 344.
- INSTANTIUS, Spanish theologian, XIX. 746.
- INSTAURATIO MAGNA, Bacon's work, III. 210.
- INTERBURG, town, Prussia, XIII. 157.
- INSTINCT, XIII. 157; transmission of, XXIV. 819; of ants, II. 95; of bees, III. 488; Stoic doctrine of, XXII. 567.
- INSTINCTIVE APPETITES, in psychology, XX. 73.
- INSTITUTE OF FRANCE, XIII. 160; IX. 514.
- INSTITUTE OF THE LAW OF SCOTLAND, Erskine's, VIII. 529.
- INSTITUTES, scientific and literary societies, XXII. 221.
—, of Gaius, X. 16.
—, of Justinian, XIII. 794.
— OF THE CHRISTIAN RELIGION, Calvin's, IV. 716.
— OF METAPHYSICS, Ferrier's, IX. 110.
— OF THEOLOGY, by Chalmers, v. 377.
- INSTITUTION OF A CHRISTIAN MAN, II. 654.
- INSTITUTION OF NAVAL ARCHITECTS, London, XXI. 809.
- INSTITUTIONS, Divine, Lactantius's, XIV. 195.
— OF THE LAW OF SCOTLAND, Stair's, XXII. 446.
- INSTITUTIO ORATORIA, of Quintilian, XX. 187.
- INSTITUZIONI ANALITICHE, by Madame Agnesi, I. 284.
- INSTRUMENTATION, in music, XVII. 98.
- INSTRUMENTS, Musical, their origin, XVII. 77.
- INSUBRES, Gallic tribe, Italy, XIII. 446.
- INSULA BATAVORUM, ancient Holland, XII. 69.
- INSULATOR, Telegraphic, XXIII. 113.
- INSURANCE, XIII. 161; implied warranty in contract of, XXIV. 373; life, post-office, XIX. 574; life, in annuities, II. 72; marine, average, III. 145; marine, first use of, III. 367; marine, Lloyd's, XIV. 741.
- INTAGLIO, incised engraving, IV. 738; X. 136; the grandest Roman extant, III. 614.
- INTEGRAL CALCULUS, XIII. 11, 33.
- INTEGRIPALLIA, suborder of Mollusca, XVI. 685.
- INTELLECTION, in psychology, XX. 75.
- INTELLECTUAL FEELINGS, XX. 69.
- INTELLIGENCE, in military tactics, XXIV. 363.
- INTELLIGENCER, newspaper, XVII. 414.
- INTEMELII, Ligurian tribe, Italy, XIII. 446; XIV. 640.
- INTEMPERANCE, VII. 481; laws relating to, XIV. 688.
- INTENSITY, in music, XVII. 106.
- INTERAMNA (Terni), ancient town, Italy, XXIII. 190.
- INTERCESSIONS, in the litany, XIV. 696.
- INTERDICT, Papal, XIII. 188.
—, in Roman law, XX. 709; in Scots law, XIII. 188.

- INTERDICTION, in Scots law, XIII. 188.
- INTEREST, in law, XIII. 188; calculation of, II. 536; in economics, XXIV. 49; in relation to usury, XXIV. 18; rate of, charged by Bank of England, III. 330; on bills of exchange, VIII. 791.
- INTERIMISTIC CONTROVERSY, of council of Trent, XXIII. 546.
- INTERLAKEN, or Interlachen, town, Switzerland, XIII. 188.
- INTERLUDES, Dramatic, VII. 415; in time of Shakespeare, XXI. 750.
- INTERMENT, Rites of, IX. 824.
- INTERMEZZO, in music, XVII. 94.
- INTERMITTENT FEVER, IX. 126.
- INTERNATIONAL, working men's association, XIII. 189; XXII. 214.
- CONTRACTS, or Treaties, XXIII. 530.
- COPYRIGHT, VI. 363.
- EXHIBITIONS, VIII. 803; London (1851), origination of, I. 452.
- INTERNATIONALISM, European, VIII. 719.
- INTERNATIONAL LAW, XIII. 190; XXII. 471; under the church, V. 20; in relation to marriage, XV. 568; Gentili's contributions to, X. 161. See also article Treaties.
- INTERNATIONAL POSTAL CONGRESS, XIX. 583.
- INTERNATIONAL REGISTER, of tonnage, XXIII. 442.
- INTERNATIONAL TRADE, Cairnes's theory of, XIX. 382.
- INTEROCREA (Antrudoco), Sabine town, Italy, XXI. 129.
- INTERPLEADER, in English law, XIII. 197.
- INTERPRETATION, Biblical, XI. 741.
- INTERVALS, Musical, XVII. 78, 103.
- INTERVENTION, Political, XIII. 192.
- INTESTACY, in law, XIII. 197; in Roman law, XX. 691, 702, 714.
- INTESTINES, Anatomy of the, VII. 225; XVII. 668; of birds, III. 726; of fishes, XII. 655; of mammals, XV. 362; of reptiles, XX. 457.
- INTILENE, ancient district, Asia, XIV. 159.
- INTIMIDATION, in law, XXIII. 500.
- INTOXICANTS, VII. 482.
- INTOXICATION, or Drunkenness (*q.v.*), VII. 481.
- INTRA, town, Italy, XV. 198.
- INTUITION, in psychology, XX. 55.
- INTUITIONAL ETHICS, VIII. 603.
- INUUS LUPERCUS, Roman god, XV. 66, 570.
- INVALIDE RUSSE, St Petersburg newspaper, XVII. 430.
- INVENTIONS, Remarkable, in chronological table, V. 720; patents for, XVIII. 354.
- INVERARAY, town, Scotland, XIII. 198.
- INVERGORDON, town, Scotland, XX. 854.
- INVERLOCHY, Scotland, Battle of (1645), XVI. 796.
- INVERNESS, county, Scotland, XIII. 199; area and population, XXI. 528; representation, XXIII. 727; town, XIII. 200.
- INVERTEBRATA, their nervous system, XIX. 30; skeleton of, XXII. 106.
- INVESTITURE, in feudal law, XIII. 201; question of, between emperors and popes, XVIII. 339; XIX. 499; XX. 791; war of investitures, X. 488; XIII. 471.
- INVESTMENTS, under trust, XXIII. 598.
- INVOCATION, of saints, XXI. 155.
- INVOCATIONS, in the litany, XIV. 696.
- INVOLUNTARY MUSCLES, I. 856.
- INVOLUTION, in algebra, I. 526; in projective geometry, X. 401; XIX. 795.
- IO, in Greek mythology, XIII. 202.
- , dialogue of Plato, XIX. 197.
- IODIDES, V. 496; of mercury, XVI. 34; of methyl, XVI. 196; of potassium, XIX. 592; of silver, XXII. 72.
- IODINE, chemical element, XIII. 202; V. 490, 496; made from kelp, XIV. 30; temperature of vapour, XX. 131; Gay-Lussac's observations on, X. 123.
- IODITE, mineral, XVI. 384.
- IOL, town, Mauretania, Africa, XV. 637.
- IOLCUS, Vale of, Thessaly, XXIII. 299.
- IOLITE, mineral, XVI. 418.
- IOLLO MORGANWG (Edward Williams), Welsh writer, V. 314.
- ION, of Chios, Greek poet, XIII. 203; XXI. 466.
- , Euripides's play, VIII. 676.
- IONA, island, Scotland, XIII. 203; monastery of, VI. 167; XVI. 706; XXI. 474.
- IONIA, district, Asia Minor, XIII. 204; XI. 98; cities of, XIII. 204; revolts against Persia, XVIII. 570, 573, 579; coins of, XVII. 634, 646.
- IONIAN ISLANDS, Greece, XIII. 205.
- IONIANS, Greek people, XI. 90.
- IONIC ARCHITECTURE, II. 405; Roman, II. 417.
- IONIC DIALECT, of Greek, XI. 134; in Homer, XII. 113.
- IONS, in electrolysis, VIII. 108.
- IOWA, State, U.S.A., XIII. 207; population, XXIII. 802.
- CITY, town, Iowa, U.S.A., XIII. 209.
- IOXIDS, of Greek legend, XXIII. 294.
- IPALNEMOAN, Mexican deity, XVI. 211.
- IPECACUANHA, plant and drug, XIII. 210.
- IPEK, town, Albania, Turkey, XIII. 211.
- IPETUMODU, town, West Africa, XXIV. 754.
- IPHIANASSA, of Greek legend, XIII. 211.
- IPHICRATES, Athenian general, XIII. 211.
- IPHIGENEIA, of Greek legend, XIII. 211; XVII. 827.
- IPHIGENIA, Euripides's plays, VIII. 676, 677.
- IPHIGÉNIE, Gluck's opera, X. 694.
- , Racine's drama, XX. 207.
- IPOMCEA BATATAS, vegetable, XIX. 596.
- IPSAMBUL (Abu-Simbel), town, Nubia, II. 388; I. 61.
- IPSARIO, mountain, Thasos, Greece, XXIII. 222.
- IPSWICH, town, England, XIII. 212; XXII. 622.
- , town, Queensland, Australia, XIII. 212.
- IQUIQUE, town, South America, XIII. 213; XVIII. 674.
- IRAK ADJEMI, province, Persia, XIII. 213.
- IRAK ARABI, district, Syria, XIII. 213; XVI. 50.
- IRAN, or Persia (*q.v.*), XVIII. 561.
- IRANIAN LANGUAGES, XVIII. 134, 653, 784.
- IRANIAN LITERATURE, XVIII. 653.
- IRAWADI, river, Burmah, XIII. 213.
- IRBIT, town, Russia, XIII. 214; XVIII. 550.
- IRCHESTER, Roman station, England, XVII. 557.
- IREC ET ÉNIDE, by Chrestien de Troyes, V. 687.
- IRELAND, XIII. 214 (index, 272); history of, XIII. 243; invasion of, by Edward Bruce, XX. 594; Cromwell's settlement of, VI. 600; Fenians in, IX. 74; in time of Grattan, XI. 61; Norman settlement in, XVII. 551; in time of O'Connell, XVII. 720; under Peel's administration, XVIII. 453; Petty's survey of, XVIII. 724; Pitt's policy towards, XIX. 145; Raleigh's policy, XX. 262; Reformation in, XX. 337; Spenser's view of the state of, XXII. 393; under Lord Strafford, XXII. 585; union with England (1801), VIII. 362; XIV. 854; XVIII. 308; Gothic architecture in, II. 429; banking, III. 336; Brehon law, IV. 252; ancient church, V. 303; Episcopal Church, VIII. 490; Presbyterian Church, XIX. 691; coal measures, VI. 54; coins, XVII. 656; fisheries, IX. 262; forests, IX. 399; land laws in, XIV. 269; law of landlord and tenant (1881), XIV. 276; statute law, XXII. 470; libraries, XIV. 513, 523, 542; mines, XVI. 467; ancient mythology, V. 300; newspapers, XVII. 423; observatories, XVII. 710; peerage, XVIII. 466; police system, XIX. 341; population and representation, XXIII. 727; early schools, V. 304; school system, VII. 681; universities and colleges, XXIII. 855.
- , Samuel, English writer, XIII. 272.
- , Samuel William Henry, Shakespearean forger, XIII. 272.
- IRELAND'S EYE, islet, Ireland, VII. 494; XIII. 216.

- IREMEL, mountain, Russia, XXIII. 717; XXIV. 4.
- IRENÆUS, bishop of Lyons, XIII. 273; on the canon of Scripture, v. 8; creed of, VI. 559; letters of, XIX. 489; on the heresies of Cerinthus, v. 346; his connexion with Polycarp, XIX. 414.
- IRENE, empress of the East, XIII. 274.
- IRENICUM, Stillingfleet's work, XXII. 551.
- IRETON, Henry, Parliamentary general, XIII. 275.
- IRGHIZ, town, Central Asia, XXIII. 627.
- IRIARTE, Tomas de, Spanish poet, XIII. 275.
- IRIDIUM, chemical element, XIII. 275; v. 537; XVI. 383; XIX. 189, 191.
- IRIDOSMIUM, mineral, XVI. 383.
- IRIS, in Greek mythology, XIII. 276.
- , of the human eye, I. 887; VIII. 821.
- , plant, XIII. 276; IX. 279; XII. 256; XVIII. 52.
- , river, Asia Minor, II. 707; XIX. 459.
- IRISH CHURCH, Early, v. 303; XIII. 248; in time of Henry VIII. of England, XIII. 262.
- IRISH HISTORY, XIII. 243.
- IRISH LANGUAGE, v. 298; dictionaries of, VII. 188.
- IRISH MANUSCRIPTS, v. 305; XVIII. 157.
- IRISH MELODIES, Moore's, XVI. 806.
- IRISH MOSS, sea-weed, XIII. 276; I. 508.
- IRISH SOCIETY, of Londonderry, XIV. 852.
- IRITIS, eye disease, XVII. 781.
- IRKUTSK, government, Asiatic Russia, XIII. 276; XXI. 69; town, XIII. 277; XXII. 11.
- IRMINSUL, Saxon idol, v. 402; X. 478.
- IRNERIUS, Italian jurist, XIII. 277.
- IRON, metal, XIII. 278; XVI. 381; as chemical element, v. 534; as building material, IV. 447; electro-deposited, VIII. 117; enamelling of, VIII. 185; used in filtration, IX. 169; fracture of, XXII. 600; industry, in United States, XXIII. 813; magnetization of, VIII. 75; XV. 223, 256, 260; statistics of manufacture, XIII. 358; meteoric, XVI. 113; mines in Australia, III. 109; in Brazil, IV. 225; in France, IX. 522; in Germany, X. 453; in India, XII. 764; in Ireland, XIII. 217; in Prussia, XX. 15; in Russia, XXI. 85; in Silesia, XXII. 53; in Missouri, U.S.A., XVI. 525; in Pennsylvania, U.S.A., XVIII. 502; mining in United States, XXIII. 811; ores of, XVI. 58; as plant food, XIX. 49; production of, XVI. 467; production in China, v. 634; production in England and Wales, VIII. 227; velocity of sound in, I. 104; spectrum of, XXII. 377; strength of, XXII. 603; therapeutic uses of, XIII. 359.
- IRON AGE, II. 122.
- BRIDGES, IV. 334.
- IRON-CLADS, ships of war, XVII. 284.
- IRONDALE SPRINGS, West Virginia, U.S.A., XXIV. 518.
- IRON GATE, pass, Central Asia, XII. 3.
- IRON GATES, on Danube, Roumania, XXI. 14.
- IRON MASK, Man in the, XIII. 360.
- IRON PERIOD, Remains of, II. 340.
- IRON PYRITES, XX. 128.
- IRONSANDS, iron ore, XIII. 285, 287.
- IRON SHIPS, XXI. 817.
- IRONSIDES, Cromwell's soldiers, VI. 599.
- IRONSTONE, mineral, X. 232.
- IRONTON, town, Ohio, U.S.A., XIII. 361.
- IRON VIRGIN, of Nuremberg, XVII. 662.
- IRON WATERS, XVI. 434.
- IRON-WOOD, timber, XIII. 361.
- IRON-WORK, in architecture, II. 466; XVI. 71.
- IRON-WORKS, at Barrow-in-Furness, England, III. 395; at Stafford, England, XXII. 442; at Neviansk, Russia, XVII. 369.
- IROQUOIS, American Indians, I. 690; XII. 827, 831; XVII. 454.
- IRRADIATION, Phenomena of, in vision, VIII. 822.
- IRRAWADDY (Irawadi), river, Burmah, XIII. 213.
- IRRIGATION, XIII. 362; by sewage, XXI. 712; in Ceylon, v. 368; in Egypt, VII. 707; on the Euphrates, VIII. 669; in India, XII. 754; in Madeira, XV. 178; of meadow land, in Scotland, I. 345, 349; in Spain, XXII. 299; works, on the Cauvery, India, XIV. 19.
- IRRITATION, Broussais's medical theory of, IV. 383; XV. 814.
- IRTHING, river, England, XVII. 565.
- IRTISH, river, Siberia, XXII. 5; XXI. 639; XXIII. 429.
- IRULAS, hill tribe, India, XVII. 509; XXIII. 42.
- IRUN, town, Spain, XIII. 370.
- IRVINE, town, Scotland, XIII. 370.
- IRVING, Edward, Scottish theologian and preacher, XIII. 370; v. 237.
- , Washington, American writer, XIII. 372; I. 723, 724.
- IRVINGITES, religious sect, v. 237.
- IRWAN (Erivan), town, Armenia, VIII. 524.
- IRWELL, river, England, XV. 459.
- IS (Hit), ancient town, Syria, VIII. 670; XII. 24; XVI. 48.
- ISAAC, of Scripture, XIII. 374.
- I., Comnenus, Byzantine emperor, XIII. 374.
- II., Angelus, Byzantine emperor, XIII. 374.
- of Antioch, Syriac writer, XXII. 829.
- of Nineveh, Syriac writer, XXII. 836.
- ISABELLA, the Catholic, queen of Castile, XIII. 375; IX. 81; XXII. 325.
- II., of Spain, XXII. 345.
- ISABEY, Jean Baptiste, French painter, XIII. 375.
- ISACIDES (Rashi), Jewish rabbi, XX. 284.
- ISÆUS, Attic orator, XIII. 375.
- ISAIHAH, Old Testament prophet, XIII. 377, 413; XIX. 818; contrasted with Zephaniah, XXIV. 780.
- , Ascension and Visions of, apocalyptic book, II. 180.
- ISAK, Somali tribes, Central Africa, XXII. 256.
- ISATIN, chemical derivative of indigo, XII. 844.
- ISATIS, genus of plants, VII. 576.
- ISAURIA, district, Asia Minor, XIII. 384.
- ISBARTA, town, Turkey in Asia, XIX. 130.
- ISCANDERUN (Scanderoon), town, Asia Minor, XXI. 366.
- ISCARIOT, Judas, apostle, XIII. 760.
- ISCA SILURUM (Caerleon), Roman station, Monmouth, England, XVI. 754.
- ISCHIA, island, Italy, XIII. 385, 440; XVII. 187, 188; mineral water of, XVI. 435.
- ISCHL, spa, Austria, XIII. 385; XVI. 434.
- ISCHNOGALTER, genus of wasps, XXIV. 392.
- ISÉ, Japan, place of pilgrimage, XIII. 581; XIX. 92.
- ISEGHEM, town, Belgium, XIII. 385.
- ISELIN, Jakob C., Swiss historical writer, XXII. 798.
- ISENBURG, Counts of, German family, XVII. 732.
- ISER, river, Germany, VII. 825.
- ISÈRE, department, France, XIII. 385; river, XX. 528.
- ISERINE, mineral, XVI. 386.
- ISERLOHN, town, Prussia, XIII. 385; XXIV. 517.
- ISERNIA, town, Italy, XIII. 386.
- ISEUM, Egypt, Temple of, VII. 768.
- ISFAHAN (Ispahan, *q.v.*), town, Persia, XIII. 393.
- ISHAK, Mohammed b., Arab historian, XVI. 596; XXIII. 2.
- ISHIM, town, Siberia, XXIII. 430; river, XXIII. 429.
- ISHMAEL, of Scripture, XIII. 386.
- ISHO BAR NON, Syriac writer, XXII. 847.
- ISHO-DADH, Syriac writer, XXII. 848.
- ISHO-DENAH, Syriac writer, XXII. 845.
- ISHO-YABH of Arzon, Syriac writer, XXII. 838.
- of Gedhala, Syriac writer, XXII. 842.
- of Hedhaiyabh, Syriac writer, XXII. 842.
- BAR MALKON, Syriac writer, XXII. 852.

- ISHO-ZEKHA, Syriac writer, XXII. 838.
- ISHPEMING, town, Michigan, U.S.A., XIII. 386.
- ISHTIB, or Istib, town, European Turkey, XIII. 433.
- ISIACORUM PORTUS (Odessa), ancient town, Russia, XVII. 726.
- ISIDORUS HISPALENSIS, or Isidore of Seville, Spanish mediæval writer, XIII. 386; XV. 517; false decretals of, v. 17; XIX. 496; his Etymologies, VIII. 191.
- ISIDORUS MERCATOR, compiler of collection of decretals, v. 17.
- ISINGLASS, or Fish Glue, x. 134; from the sturgeon, XXII. 612; adulterations of, I. 171.
- ISIS, Egyptian divinity, VII. 717; festival of, at Busiris, XIX. 91.
- , river, England, XVIII. 93; XXIII. 220.
- ISKANDARNAMA, or Book of Alexander the Great, Nizami's poem, XVII. 522; XVIII. 657.
- ISKANDER, ancient fortress, Merv, Asia, XVI. 42.
- BEY (Scanderbeg), Albanian prince, XXI. 365; I. 225, 447; XXIII. 642.
- ISKELIB, town, Asiatic Turkey, XIII. 387.
- ISKENDER BEG (Scanderbeg), Albanian chief, XXI. 365; XXIII. 642.
- ISKIMID (Ismid), town, Asiatic Turkey, XIII. 388.
- ISKURIAH, town, Mingrelia, Russia, XVI. 437.
- ISLA, José Francisco de, Spanish satirist, XIII. 387; XXII. 360.
- DE LEON (San Fernando), town, Spain, XXI. 262; longitude reckoned from observatory at, XVII. 262.
- ISLAM, or Mohammedanism (*q.v.*), XVI. 553; XXII. 659; sacred banner of, XXIII. 643.
- ISLAMABAD, town, Punjab, India, XIII. 387.
- PORT, or Chittagong, town, Bengal, India, v. 675.
- ISLAY, island, Scotland, XIII. 387.
- , town, Peru, XVIII. 674.
- ISLEBIA (Eisleben), ancient town, Germany, VII. 791.
- ISLE-DE-FRANCE, old district of France, XII. 702.
- ISLEMIYE (Sliven), town, East Roumelia, XXII. 160.
- ISLENDINGA, Sturla's work, XII. 625.
- ISLE OF FRANCE (Mauritius), Indian Ocean, xv. 639.
- ISLE OF MAN, England, xv. 450; early Irish invasion of, XIII. 247; newspapers of, XVII. 423.
- ISLE OF PALMS, Wilson's poem, XXIV. 592.
- ISLE OF PINES, Cuba, Atlantic, VI. 679.
- ISLE OF PINES, New Caledonia, Pacific, XVII. 376.
- ISLE OF PORTLAND, Dorset, England, XIX. 530.
- ISLE OF WIGHT, England, XXIV. 561.
- ISLINGTON, district, London, XIV. 820.
- ISMAELITES, or Assassins, Mohammedan sect, II. 722; XVI. 593; XVII. 771.
- ISMAIL, town, Roumania, XIII. 387.
- , khedive of Egypt, VII. 766.
- I., shah of Persia, XVIII. 634.
- II., of Persia, XVIII. 637.
- ISMAILIA, town, on Suez Canal, Egypt, XIII. 388.
- , town, Upper Egypt, XIII. 388.
- ISMAILIANS, Ismailis, or Assassins, Mohammedan sect, II. 722; XVI. 587, 593; XVII. 771.
- ISMID, town, Asiatic Turkey, XIII. 388; XVII. 490; province, XXIII. 653.
- ISNE (Esneh), town, Egypt, VII. 782; VIII. 547.
- ISNIK, town, Asiatic Turkey, XVII. 476.
- ISNIKMID (Ismid), town, Asiatic Turkey, XIII. 388.
- ISOBARIC MAPS, showing atmospheric pressures, XVI. 139.
- ISOCRATES, Attic orator, XIII. 388; XX. 509; XXII. 265.
- ISOCYANIDES, in chemistry, v. 575.
- ISODULCITE, variety of sugar, XX. 175.
- ISOETÆ, group of plants, IX. 107.
- ISOLA, Emma, friend of Charles Lamb, XIV. 235.
- FARNESE, town, Italy, VIII. 634.
- ISOMASTIGODA, order of Protozoa, XIX. 857.
- ISOMERISM, in chemistry, v. 550; XXIV. 626.
- ISOMORPHISM, in minerals, VI. 675; XVI. 379; Mitscherlich's discovery of, XVI. 531.
- ISOMYA, order of Mollusca, XVI. 685.
- ISONZO, river, Austria and Italy, III. 117; XIII. 436.
- ISOPERIMETRICAL FIGURES, of the Bernoulli controversy, III. 605.
- ISOPERIMETRY, Theorems on, xv. 643.
- ISOPHTHALIC ACID, XVIII. 855.
- ISOPLEURA, subclass of Mollusca, XVI. 641.
- ISOPODA, group of crustaceans, VI. 658.
- ISOPRENE, hydrocarbon oil, XII. 840.
- ISOTHERMAL EXPANSION, of gases, XXII. 481, 485.
- ISOTHERMAL LINES, in meteorology, XVI. 133, 135; XIX. 244; Humboldt's delineation of, XII. 344.
- ISOTROPY, VII. 804; magnetic, xv. 243.
- ISOTTA DEGLI ATTII, mistress of Sigismondo of Rimini, xx. 557.
- ISPAHAN, town, Persia, XIII. 393; XVIII. 627, 628; bridge at, IV. 332; mosques, XVI. 866.
- ISPALIS (Seville), Roman town, Spain, XXI. 708.
- ISRAEL, People of, their history, XIII. 396; v. 707; connexion with Babylon, XIII. 379; in relation to Moab, XVI. 535; their connexion with Phœnicia, XVIII. 807; in time of the prophets, XIX. 815; priesthood in, XIX. 727; monotheism of, XXIII. 239; religion of, III. 634.
- IN EGYPT, Handel's oratorio, XI. 435.
- ISSA (Lissa), island, Adriatic Sea, XIV. 695.
- ISSACHAR, of Scripture, XIII. 432.
- ISSIK-KUL, lake, Central Asia, XIII. 432; XXI. 640; XXIII. 633.
- ISSIODURUM (Issoire), ancient town, France, XIII. 432.
- ISSOIRE, town, France, XIII. 432; xx. 120.
- ISSOUDUN, town, France, XIII. 433.
- ISSUS, Asia Minor, Battle of (333 B.C.), I. 482; XV. 140; XVIII. 582.
- ISSY, Articles of, XI. 343.
- ISTÆVONES, ancient Germanic race, x. 473.
- ISTAKHR, ancient town, Persia, XVIII. 560, 607.
- ISTALIF, town, Afghanistan, I. 230.
- ISTANCHIO, or Stanchio, island, Asia Minor, VI. 444.
- ISTHMIAN GAMES, XIII. 433; x. 65.
- ISTIB, town, European Turkey, XIII. 433.
- ISTRIA, district, Austria, XIII. 433.
- ISTRIANORUM PORTUS (Odessa), ancient town, Russia, XVII. 726.
- ISTRIONES, in Roman drama, VII. 409.
- ISTULA (Vistula), river, Russian Poland, XIX. 307.
- ITA, town, Paraguay, XVIII. 244.
- ITALIA, ancient Italy, XIII. 434, 443.
- ITALIAN DRAMA, VII. 416.
- ITALIAN LANGUAGE, XIII. 491; XIV. 340; XVIII. 784; xx. 668; dictionaries of, VII. 186.
- ITALIAN LITERATURE, XIII. 498.
- ITALIAN MOUNTAIN, Colorado, U.S.A., VI. 161.
- ITALIOTES, Greek settlers in ancient Italy, XI. 30.
- ITALY, XIII. 434 (including topography, 434; statistics, 448; history, 467; language, 491; literature, 498; with index, 516); the Carbonari in, v. 88; French expedition to, under Charles VIII., IX. 554; Guelfs and Ghibellines in, XI. 244; Metternich's policy towards, XVI. 200; Napoleon's campaigns in (1795-7), IX. 609; XVII. 196; invaded by Napoleon III., IX. 624; revival of learning in, XX. 384; conquest of, by Rome, xx. 739; connexion of Spain with, XXII. 322, 327; struggles for unity, v. 276; academies in, I. 70;

Gothic architecture, II. 434; army, II. 612; birds, XVIII. 17; coins, XVII. 636, 657; drama, VII. 416; forests, IX. 403; foundling hospitals, IX. 483; ancient glass-making, X. 648; irrigation works, XIII. 369; Jews in, XIII. 685; language, XIII. 491; XIV. 340; XVIII. 784; libraries, XIV. 512, 513, 528, 548; literature, XIII. 498; mines, XVI. 468; mural paintings, early Christian, XVII. 43; national debt, XVII. 246; navy, XVII. 299; newspapers, XVII. 431; observatories, XVII. 713; oyster culture, XVIII. 108; periodical literature, XVIII. 542; post-office, XIX. 583; prison system, XIX. 761; railways, XX. 251; weights and measures, XXIV. 490; wine industry, XXIV. 609.

ITALY, Rogers's poem, XX. 622.

—, History of, Guicciardini's work, XI. 256.

ITAMARACA, town, Brazil, XVIII. 551.

ITANGUA, town, Paraguay, XVIII. 244.

ITASCA, lake, Minnesota, U.S.A., XVI. 475.

ITASY, lake, Madagascar, XV. 169.

ITATIAIOSSU, Pico do, mountain, Brazil, IV. 222.

ITCH, skin disease, XVIII. 270; XXII. 123.

ITCH-MITE, arachnid, II. 275; XVI. 529; XVIII. 270; XXII. 123.

ITELM, people, Kamchatka, Asia, XIII. 832.

ITHACA, island, Greece, XIII. 517, 205.

—, town, New York, U.S.A., XIII. 517; Cornell University at, XXIII. 857.

ITHACIUS, bishop of Ossonuba, XIX. 746.

ITHNA-ASHARIYA, Mohammedan sect, XXII. 664.

ITHOBAL (Ethbaal), king of Tyre, XVIII. 807.

— II., of Tyre, XVIII. 808.

ITHOMÆA, festival, Greece, XVI. 52.

ITHON, river, Wales, XX. 217.

ITIL, ancient town of the Khazars, XIV. 59.

ITINERARIUM, Roman road-book, XIII. 517; Antonine's, XVIII. 437.

— SEPTENTRIONALE, Gordon's, X. 782.

ITIUS PORTUS, Caesar's point of embarkation for Britain, XIII. 517.

ITSMIADSI (Etchmiadzin), town, Russia, VIII. 566.

IT'S NEVER TOO LATE TO MEND, Reade's novel, XX. 303.

ITURBIDE, Augustin de, emperor of Mexico, XIII. 518; XVI. 219.

ITURUP, one of the Kurile Islands, Asia, XIV. 160.

ITZEHOE, town, Holstein, Germany, XIII. 518.

ITZLI, Mexican obsidian, XVII. 717.

IVAN I., grand-duke of Moscow, XIII. 519; XXI. 91.

IVAN II., of Moscow, XIII. 519; XXI. 91.

— III., the Great, of Moscow, XIII. 519; XXI. 91.

— IV., the Terrible, first czar of Russia, XIII. 519; XXI. 92; his massacre of the Novgorodians, XVII. 608.

— V., of Russia, XIII. 519; XXI. 97.

— VI., of Russia, XIII. 519; XXI. 98.

IVANCICA, Mount, Croatia, VI. 591.

IVANOVO, or Ivanovo-Voznesensk, town, Russia, XIII. 520; XXI. 849; population, XXIV. 271.

IVIÇA, or Iviza, one of the Balearic Islands, Mediterranean Sea, III. 278.

IVORY, XIII. 520; carving of, V. 167; Japanese, XIII. 591; supply of, VIII. 124; XV. 349.

—, Vegetable, XIII. 524; XVII. 664.

—, James, Scottish mathematician, XIII. 525.

— COAST, West Africa, XIII. 525; I. 269.

IVREA, town, Italy, XIII. 525.

IVRY-LA-BATAILLE, town, France, XIII. 525; battle of (1590), IX. 564.

IVRY-SUR-SEINE, town, France, XIII. 525; XXI. 624.

IVY, plant, XIII. 526.

IXEUTICA, Oppian's poem, XVII. 797.

IXION, in Greek legend, XIII. 527.

IXMAL, town, Yucatan, XXIV. 758.

IXODIDÆ, or Ixodides, family of Arachnida, XVI. 528; II. 276.

IXOLYTE, mineral, XVI. 428.

IXTACIHUATL, mountain, Mexico, XVI. 215.

IYEMITSU, Shrine of, at Nikko, Japan, XVII. 503.

IYEYASU, shogun, Japan, XIII. 583; tomb of, at Nikko, XVII. 503.

IVNX, genus of birds, XXIV. 698.

IYRCÆ, ancient nomadic race, Russia, XXI. 575.

IZABAL, lake, Guatemala, XI. 239.

IZALCO, volcano, Central America, XXI. 268.

IZAMAL, Pyramid of, Yucatan, XXIV. 759.

IZGAUR, town, Russia, XVI. 437.

IZHEVSK, town, Russia, XXIV. 303.

IZHUATLAN (Orizaba), town, Mexico, XVII. 845.

IZIASLAFF, prince of Kieff, Russia, XXI. 89.

IZYUM, town, Russia, XIV. 57.

J, the tenth letter of the alphabet, XIII. 528.

JAAFAR (Giafar), vizier of Haroun al-Raschid, III. 377.

JAAC-TASH, river, Syr-Daria, Asia, XXII. 818.

JABAL, of Scripture, XIV. 238.

JABALLAH, king of Ghassan, Arabia, XVII. 481.

JABALPUR, district, Central India, XIII. 528; town, XIII. 529.

JABARITES, Moslem sect, XVI. 592.

JABIRU, bird, XIII. 529.

JABLONSKI, Johann Theodor, his Allgemeines Lexicon, VIII. 195.

JABNEEL, or Jabneh (Jamnia), town, Palestine, XIII. 563.

JABORANDI, plant and drug, XIII. 529.

JACA, town, Spain, XIII. 530.

JACAMAR, bird, XIII. 531.

JACANA, bird, XIII. 531.

JACARANDA, variety of wood, XX. 851.

JACARE, South-American alligator, VI. 594.

JACCETANI, ancient tribe, Spain, XIII. 531.

JACINTH, or Hyacinth, gem, X. 141.

—, or Hyacinth, plant, XII. 419.

JACKAL, carnivorous mammal, XIII. 532; XV. 438; its relation to the dog, VII. 324; emblem of the god Anubis, II. 146.

JACKDAW, bird, XIII. 532.

JACKMAN, Charles, Arctic explorer, XIX. 316.

JACK OF NEWBURY (John Winchcombe), XVII. 375.

JACK-SNIPE, bird, XXII. 200.

JACKSON, town, Michigan, U.S.A., XIII. 533.

—, town, Mississippi, U.S.A., XIII. 533.

—, town, Tennessee, U.S.A., XIII. 533; XXIII. 178.

—, Andrew, president of the United States, XIII. 533; XXIII. 760, 762, 764.

—, Thomas Jonathan (Stonewall Jackson), American Confederate general, XIII. 534; XXIII. 777.

—, William, English musician, XIII. 535.

JACKSONVILLE, town, Florida, U.S.A., XIII. 536.

—, town, Illinois, U.S.A., XIII. 536.

JACOB, Hebrew patriarch, XIII. 536.

— of Edessa, Syriac writer, XXII. 825, 839.

— of Nisibis, Syriac writer, XXII. 827.

— of Serugh, Syriac writer, XXII. 831.

—, Henry, English Independent, XII. 725.

— BAR SALIBI, bishop of Marash, Syriac writer, XXII. 851.

— BAR SHAKKO, bishop of Mar Matthew, Syriac writer, XXII. 852.

JACOBA, countess of Holland, XII. 72.

JACOBABAD, town, India, XIII. 536; XXIII. 860.

JACOBI, Friedrich Heinrich, German philosopher, XIII. 536; X. 541; his relation to rationalism, XX. 290.

- JACOBI, Karl Gustav Jacob, German mathematician, XIII. 538, 67; on determinants, I. 516.
 —, Stephen Ludwig, discoverer of artificial fish-breeding, XIX. 127.
- JACOBINS, class of determinants, XIII. 31.
- JACOBINA, department, Brazil, XXIV. 227.
- JACOBIN CLUB, of French Revolution, IX. 596, 600, 607; XX. 602.
- JACOBITE CHURCH, or Jacobites, XIII. 538; III. 56; VI. 354; XI. 155; XXII. 842, 845, 848.
- JACOBITES, in Scottish history, XIII. 561; XXI. 526.
- JACOBS, Christian Friedrich Wilhelm, German scholar, XIII. 539.
- JACOBSITE, mineral, XVI. 386.
- JACOBSON, Louis L., on birds, XVIII. 20.
- JACOPO DE' BARBARI, Venetian artist, VII. 555, 556.
- JACOPONE (Jacopo dei Benedetti), Italian poet, XIII. 500.
- JACOTOT, Joseph, French educationist, XIII. 539; VII. 677.
- JACQUARD, Joseph Marie, inventor of silk-weaving loom, XIII. 539; his carpet machine, V. 130; his loom, XXIV. 465.
- JACQUELIN, countess of Holland, XII. 72.
- JACQUERIE, revolt of peasantry, in France, IX. 547.
- JACQUIER, François, on magnetism, XV. 236.
- JACTITATION OF MARRIAGE, VII. 303.
- JACULUS, genus of rodent mammals, XIII. 626.
- JADE, precious stone, XIII. 539; XVI. 417; of Burmah, IV. 552; of Turkestan, XXIII. 638.
- JADEITE, mineral, XIII. 540; XVI. 420.
- JADWIGA, queen of Poland, XIX. 288.
- JAEN, province and town, Spain, XIII. 541.
- JAFAH KHAN, governor of Bengal, VI. 10; XII. 801.
- JAFFA (Joppa), town, Palestine, XIII. 746.
- JAFFIER ALI KHAN, or Jafar Khan, governor of Bengal, VI. 10; XII. 801.
- JAFFNA, or Jaffnapatam, town, Ceylon, XIII. 541.
- JAFFRAY, Alexander, Scottish Quaker, XX. 152.
- JAGADHRI, town, India, XIII. 542.
- JAGANNATH (Juggernaut), Hindu god and temple, India, XVII. 845; XX. 115.
- JAGATAI, Turkish dialect, XXIII. 661.
- JAGDISPUR, town, India, XXI. 735.
- JAGERSFONTEIN, diamond mines, South Africa, XVII. 813.
- JAGHERS, Hendrickie, Rembrandt's mistress, XX. 376.
- JAGIC, Ignaz V., Bohemian philologist, XXI. 691; XXII. 153.
- JAGIELLO, prince of Lithuania, XIX. 288.
- JAGST, division, Württemberg, XXIV. 700.
- JAGUAR, carnivorous mammal, XIII. 542; I. 682; XV. 435.
- JAGUARON, town, Paraguay, XVIII. 244.
- JAH (Jehovah, *q.v.*), of Scripture, XIII. 619.
- JAHAN, Shah, Mogul emperor, XII. 795; XX. 111.
- JAHANABAD, town, India, XIII. 542.
- JAHANGIR, Mogul emperor, XII. 795.
- JAHANGIRPUR, or Jangipur, town, India, XIII. 564.
- JAHN, Johann, German Orientalist and Biblical critic, XIII. 542.
- , Otto, German philologist and art critic, XIII. 543; XX. 569.
- JAHHUN (Oxus), river, Central Asia, XVIII. 101.
- JAILS, XIX. 747; Mrs Fry's reforms of, IX. 804; Howard's, XII. 320.
- JAINS, Indian sect, XIII. 543; I. 59; their religious system, XX. 360; temples of, I. 423; II. 395.
- JAINTIA HILLS, district, Assam, India, XIII. 544; XIV. 58.
- JAIPAL, raja of Lahore, India, XV. 286.
- JAIPUR (Jeypore), state, India, XIII. 688; XX. 260; town, XIII. 688; XVII. 845.
- JAIS, town, India, XX. 222.
- JAISALMIR, Rajput state, India, XIII. 545; XX. 260.
- JAISAMAND, artificial lake, India, XXIII. 716.
- JAJPUR, or Jajpore, town, India, XIII. 545.
- JAKOB, Ludwig Heinrich von, German political economist, XIII. 545.
- , Therese A. L. von (Talvj), authoress, wife of Dr E. Robinson, XX. 607.
- JAKOBS ELV, river, Norway, XVII. 576.
- JAKOBHAVN, district, Greenland, XI. 171.
- JALALABAD, town, Afghanistan, I. 230.
- JALALUDDIN, shah of Khwarizm, XIII. 622.
- RUMI, Persian poet, XXI. 59.
- JALANDHAR, district, India, XIII. 545; XX. 109; town, XIII. 546.
- DOAB, India, XX. 107.
- JALAP, drug, XIII. 546.
- JALAPA, town, Mexico, XIII. 547; XVI. 214.
- JALAPIN, resin, XIII. 547.
- JALAUN, district, India, XIII. 547; town, XIII. 548.
- JALNA, town, India, XIII. 548.
- JALOMITZA, river, Roumania, XXI. 14.
- JALPAIGURI, district and town, India, XIII. 548.
- JALPAITE, mineral, XVI. 392.
- JAM, conserve of fruit, XIII. 564.
- JAMAICA, island, West Indies, XIII. 548; XXIV. 510.
- PEPPER, XIX. 97.
- TOWN, Long Island, New York, U.S.A., XIV. 866.
- JAMAL BARIZ, mountains, Persia, XVIII. 619.
- JAMB, in architecture, II. 466.
- JAMBI, kingdom, Sumatra, XXII. 639.
- JAMES, St, the Lord's brother, XIII. 552.
- , son of Alphaeus, XIII. 552.
- , son of Zebedee, XIII. 552.
- , General Epistle of, XIII. 553.
- I., king of Aragon, XVIII. 450; XXII. 317, 322.
- II., of Aragon, XXII. 323.
- I., king of England (VI. of Scotland), XIII. 577; VIII. 341, 343; XXI. 507; his patronage of Bacon, III. 204; his relations with Buckingham, IV. 417; Coke's opposition to, VI. 120; his rule in Ireland, XIII. 265; parliament under, XVIII. 307; suppression of Presbyterianism in Scotland by, XIX. 682; his relations with Raleigh, XX. 263; his writings, XXI. 542.
- II., of England, XIII. 559; VIII. 350; the Popish Plot under, XVII. 697; his relations with Ireland, XIII. 268; with Scotland, XXI. 517; with Penn, XVIII. 496; with William of Orange, XXIV. 579; a refugee in France, IX. 579.
- I., king of Scotland, XIII. 555; VIII. 413; XXI. 491; as poet, XXI. 540.
- II., of Scotland, XIII. 556; XXI. 493.
- III., of Scotland, XIII. 556; XXI. 494.
- IV., of Scotland, XIII. 557; XXI. 496.
- V., of Scotland, XIII. 557; XXI. 497.
- VI. and VII., of Scotland. See James I. and II., of England.
- , king of Sicily, XXII. 28.
- , Chevalier of St George, the Pretender, XIII. 560; recognized as James III. by Louis XIV., IX. 581.
- , George Payne Rainsford, English novelist, XIII. 561.
- , John Angell, English Independent minister and author, XIII. 561.
- , Thomas, Arctic explorer, XIX. 318.
- CITY, Virginia, U.S.A., XXIV. 260.
- JAMESON, Anna, English writer, XIII. 562.
- , or Jamesone, George, Scottish painter, XIII. 563.
- , Robert, Scottish naturalist, XIII. 563.
- JAMESONITE, mineral, XVI. 394.
- JAMESTOWN, town, New York, U.S.A., XIII. 563.

- JAMESTOWN, town, St Helena, Atlantic Ocean, XXI. 171.
- JAMES TOWN, Virginia, Founding of (1607), XXII. 175; XXIII. 729; first English settlement, XXIV. 260.
- JAMESTOWN WEED, plant, XVII. 231.
- JAMI, Nuruddin Abdurrahman ibn Ahmed, Persian poet, XIII. 563; XVIII. 659.
- JAMIESON, John, Scottish lexicographer, XIII. 563.
- JAMNIA, town, Palestine, XIII. 563.
- JAMNITZER, Wenzel, German metal-worker, XIX. 184.
- JAMRUD, fort, Punjab, India, XIII. 564.
- JAMS AND JELLIES, XIII. 564.
- JAMU, town, India, XIII. 564; district, XIV. 10.
- JAMUNA (Jumna), river, India, XIII. 773; XX. 261.
- JAN, G., his classification of snakes, XX. 440.
- JANE EYRE, Charlotte Brontë's novel, IV. 365.
- JANESVILLE, town, Wisconsin, U.S.A., XIII. 564; population, XXIV. 617.
- JANGIPUR, town, India, XIII. 564.
- JANIBEG KHAN, Mongol chief, XVI. 747.
- JANICKI, Clement, Polish Latin poet, XIX. 300.
- JANICULAN HILL, Rome, XX. 807.
- JANIK, province, Asiatic Turkey, XXIII. 653.
- JANIN, Jules Gabriel, French critic, XIII. 564; IX. 678, 679.
- JANINA, town, Albania, Turkey, XIII. 565; XXIII. 653.
- JANISSARIES, Ottoman troops, II. 617; XI. 120, 123; XXIII. 641, 642, 644, 645; revolt of, XXIII. 648, 650; suppression of, XXIII. 650.
- JAN MAYEN ISLAND, Norwegian Sea, XVII. 592; seal fisheries of, XXI. 582.
- JANNÆUS, Alexander, Jewish high priest, XIII. 423.
- JANNART, Jacques, friend of La Fontaine, XIV. 204.
- JANOFF, town, Russian Poland, XXII. 37.
- JANSEN, Cornelius, Dutch theologian, XIII. 565.
- , or Janssen, Cornelius, Dutch painter, XIII. 567.
- , Kristoffer, Norwegian poet and novelist, XVII. 591.
- , Zacharias, his relation to invention of the telescope, XXIII. 136.
- JANSENISM, religious movement in France, XIII. 566; XIX. 507; relations of the Pascal family to, XVIII. 334.
- JANSENISTS, of Port Royal, IX. 573, 578; XIV. 867; XIX. 533; as educationists, VII. 675; their influence on French literature, IX. 661.
- JANSENIUS (Jansen), Cornelius, Dutch theologian, XIII. 565.
- JANSONIUS, Jacobus, Dutch theologian, XIII. 566.
- JANSSEN, or Jansen, Cornelius, Dutch painter, XIII. 567.
- JANSSSENS, or Janssens, Victor Honorius, Flemish painter, XIII. 568.
- VAN NUYSSEN, Abraham, Flemish painter, XIII. 568.
- JANTHINA, genus of Mollusca, XVI. 651.
- JANUARIUS, St, XIII. 568.
- , Cathedral of, at Naples, XVII. 189.
- CANDIDATUS, Syriac writer, XXII. 841.
- JANUARY, month, XIII. 568.
- JANUS, Roman god, XIII. 568.
- JUNIUS (John Toland), English deist, XXIII. 434.
- JAPAN, country, Asia, XIII. 569; II. 687; invasion of China by, V. 649; of Corea by (1597), VI. 394; Siebold's explorations of, XXII. 36; coins of, XVII. 661; forests, IX. 405; language, XXIV. 3; libraries, XIV. 534, 549; mines, XVI. 469; Christian missions to, XVI. 517; Jesuit missions to, XIII. 652; Xavier's mission to, XXIV. 717; national debt, XVII. 247; pilgrimages in, XIX. 92; pottery and porcelain, XIX. 635; railways, XX. 252; religion, XX. 363; Roman Catholic Church in, XIX. 810; silk culture, XXII. 56; weights and measures, XXIV. 490.
- , Kaempfer's History of, XIII. 816.
- , Sea of, XVIII. 116.
- JAPANESE ART, XIII. 588.
- JAPANESE DRAMA, VII. 402.
- JAPANESE LACQUER WORK, XIV. 194; varnish, XXIV. 92.
- JAPANESE LANGUAGE, XIII. 585; XXIV. 3; dictionaries of, VII. 192.
- JAPANESE LITERATURE, XIII. 586.
- JAPANESE WAX, XXIV. 459.
- JAPANNING, industrial art, XIII. 592.
- JAPARA, town, Java, XIII. 606.
- JAPHETH, of Scripture, XIII. 593; XVII. 523.
- JARAH, river, Persia, XVIII. 620.
- JARALES, bush-growing regions, Spain, XXII. 297.
- JARAMA, affluent of Tagus, Spain, XXIII. 22.
- JAR-CONNAUGHT, district, Galway, Ireland, X. 55.
- JARDIN DES PLANTES, Paris, XVIII. 281.
- JARDINE, Sir William, his illustrations of birds, XVIII. 13, 16, 18.
- JARL, in early Scandinavian society, XVII. 529; XXII. 744.
- JARNAC, town, France, XIII. 593.
- JAROMIERZ, town, Bohemia, XIII. 593.
- JAROSITE, mineral, XVI. 402.
- JARRAH WOOD, Australian tree, XIII. 593; XXIV. 508.
- JARRING, Effects of, on magnetization, XV. 268.
- JARROW-ON-TYNE, town, England, XIII. 593; monastery of, III. 481.
- JARSON, John de (Gerson), chancellor of university of Paris, X. 549.
- JASCHI (Jassy), town, Roumania, XIII. 596; XXI. 16.
- JASHAR, Donaldson's work, VII. 358.
- , Book of, XI. 598; XIII. 408.
- JASHPUR, state, India, XIII. 594; V. 768.
- JASMIN, Jacques, French poet, XIII. 594.
- JASMINE, plant, XIII. 594.
- JASMUND, district, Rügen, Prussia, XXI. 56.
- JASNO GURA, Poland, Monastery of, VI. 754.
- JASON, of Greek mythology, XIII. 596; II. 496; XV. 776; romances concerning, XX. 640.
- JASPER, precious stone, XIII. 596; XVI. 389.
- JASSY, town, Roumania, XIII. 596; XXI. 16.
- JASZ-BERENY, town, Hungary, XIII. 597.
- JÁTIVA, town, Spain, XIII. 597.
- JATS, race of people, India, XIII. 597; I. 235; XII. 746, 789; identification of, with the Gipsies, X. 617.
- JAUBERT, Pierre Amédée Emilien Probe, French Orientalist, XIII. 597.
- JAUER, town, Prussia, XIII. 598.
- JAUHARY, Arabic lexicographer, XIII. 598.
- JAULNA (Jalna), town, India, XIII. 548.
- JAUNDICE, disease, XIII. 598; as resulting from vaccination, XXIV. 26.
- JAUNPUR, district, India, XIII. 599; town, XIII. 600.
- JAUNSAAR, division, India, VII. 33.
- JAVA, island, Indian Archipelago, XIII. 600; II. 687; XII. 818; birds of, III. 764; Buddhist ruins in, IV. 214; tea culture, XXIII. 98; weights and measures, XXIV. 490.
- , Little (Bali), island, Eastern Archipelago, III. 281.
- ALMOND OIL, XVII. 744.
- JAVANESE LANGUAGE, XIII. 606; XVIII. 779.
- JAVA SPARROW, XXIV. 463.
- JAW, Anatomy of the, I. 825.
- JAWARI, Indian millet, VII. 564.
- JAWAROW, town, Austria, XIII. 610.
- JAXARTES (Syr-Daria), river, Asia, XXII. 818; IX. 85; XI. 822; XXIII. 511, 512; in Ptolemy's geography, XX. 95.
- JAY, bird, XIII. 610.
- , John, American statesman, XIII. 611.
- , William, English Dissenting preacher and writer, XIII. 612.
- JAYADEVA, Hindu dramatist, XXI. 285.
- JAYME (James I.), king of Aragon, XVIII. 450; XXII. 317, 322.
- JAYNTIYA HILLS (Jaintia Hills), district, India, XIV. 58.

- JAY'S TREATY (1794), XXIII. 755.
- JEAN D'ANGÉLY, Saint, town, France, XIII. 612.
- JEANNE D'ARC (Joan of Arc), Maid of Orleans, IX. 550; XIII. 695.
- JEAN PAUL (J. P. F. Richter, *q.v.*), German humorist, XX. 546.
- JEBAL, or Jibal (Irak Adjemi), province, Persia, XIII. 213.
- JEBEL, ancient town, Syria, XIII. 613.
- JEBEL, Bahr al, headwaters of the Nile, Africa, XVII. 505, 507.
- AKHDAR, mountains, Arabia, II. 238, 255.
- AKRA, mountain, Syria, XXII. 821.
- AL-AKHDAR, district, Tripoli, North Africa, XXIII. 575.
- AL-TUR, the Sinai group of mountains, XXII. 88.
- ASEER, mountain, Arabia, II. 253.
- EL-BARUK, mountain, Syria, XIV. 393.
- EL-TIH, mountain, Arabia, XXII. 88.
- ES-SODA, mountains, Fezzan, Africa, IX. 128.
- JERMAK, mountain, Palestine, XVIII. 171.
- JUDI, mountain, Kurdistan, XIV. 156.
- KABKAB, mountain, Arabia, XV. 670.
- KUNEISEH, mountain, Syria, XIV. 393.
- MARRAH, mountain, Soudan, Africa, XXII. 278.
- NEBI BARUH, mountain, Syria, XIV. 394.
- TEIR, island, Red Sea, XX. 316.
- ZUGUR, island, Red Sea, XX. 316.
- JEBU ODE, town, West Africa, XXIV. 754.
- JEDBURGH, town, Scotland, XIII. 613; XXI. 34.
- JEDDAH, or Jiddah, town, Arabia, XIII. 691; XX. 316.
- JEDRZEJEWICZ, Dr, his observatory, at Plonsk, Poland, XVII. 714.
- JEENS, English line-engraver, VIII. 443.
- JEFFERSON, mountain, Oregon, U.S.A., XVII. 822; XXIII. 800.
- , Thomas, president of the United States, XIII. 613; XXIII. 756; drafts Declaration of Independence, XXIII. 743; his political school, XXIII. 755; as author, I. 721.
- CITY, town, Missouri, U.S.A., XIII. 616; XVI. 526.
- JEFFERSONITE, mineral, XVI. 416.
- JEFFERSONVILLE, town, Indiana, U.S.A., XIII. 616; XV. 23.
- JEFFREY, Francis, Scottish lawyer and critic, XIII. 616; on beauty, I. 223.
- , Sarah, John Milton's mother, XVI. 324.
- JEFFREYS, Lord, English judge, XIII. 618; his bloody assize at Taunton, XXIII. 83; Baxter's encounter with, III. 456.
- JEHOL, town, China, XIII. 619.
- JEHOVAH, divine name, XIII. 619, 397, 409; I. 53; XIX. 815; in the Psalms, XX. 30; worship of, III. 634.
- , Servant of, in Isaiah, XIII. 382.
- JEHOVISTIC NARRATIVE, in the Pentateuch, I. 53; III. 637; XVIII. 506.
- JEHU, king of Israel, XIII. 407.
- JEJEEBHOY, Sir Jamsetjee, Indian Parsee, XIII. 619; XVIII. 326.
- JEJUNUM, Anatomy of the, VII. 226; XVII. 668.
- JELAL-ED-DIN RUMI, Persian poet, XIII. 619; XXI. 59.
- JELLACHICH, Joseph, governor or ban of Croatia, III. 137; XII. 371.
- JELLINGE, Jutland, Barrow at, III. 398.
- JELLY, Elasticity of, VII. 801.
- , as conserve of fruit, XIII. 564.
- JELLY-FISH, Phosphorescence of, XVIII. 814.
- JELÖEN, island, Norway, XVII. 576.
- JEM, mythical Persian king, XIII. 395.
- , Turkish pretender, XXIII. 642.
- JEMEZ, hot springs, New Mexico, U.S.A., XVII. 400.
- JEMGALA, tribe, Lithuania, XIV. 702.
- JEMMAPES, town, Belgium, XIII. 620; XVI. 761; battle of (1792), IX. 605.
- JEMTLAND, district, Sweden, XXII. 741.
- JENA, town, Germany, XIII. 620; XXI. 349; battle of (1806), XVII. 210; university of, XXIII. 845.
- JENATSCH, Georg, Swiss leader, XXIV. 45.
- JENGHIZ KHAN, Mongol emperor, XIII. 620; II. 699; XVI. 740; his conquest of China, V. 627, 647; of Tibet, XIV. 503.
- JENKINSON, Anthony, English envoy to Persia, XVIII. 636; resident in Russia, XXI. 93.
- , Charles, first earl of Liverpool, XIV. 717.
- , Robert Banks, second earl of Liverpool, XIV. 718.
- JENKINS'S EAR, War of, between England and Spain, XXII. 339.
- JENNAH, village, Arabia, XVII. 773.
- JENNER, Edward, English physician, XIII. 622; XV. 815; his experiments in vaccination, XXIV. 23.
- JENNINGS, Sarah, duchess of Marlborough, XV. 553.
- JENSEN, Christen, Norse writer, XVII. 589.
- , Peter Andreas, Norwegian poet and dramatist, XVII. 591.
- JENSON, Nicolas, early German printer, XXIII. 689.
- JENYNS, Soame, English writer, XIII. 625.
- JEPHTHAH, judge of Israel, XIII. 625.
- JERABUB, headquarters of Mohammedan sect, Sahara, XXI. 151; XXIII. 575.
- JERASH (Gerasa), town, Palestine, X. 441.
- JERBA, island, North Africa, X. 442; XXIII. 620.
- JERBOA, rodent mammal, XIII. 625; XV. 419; of Arabia, II. 243.
- JERDAN, William, journalist, XIII. 626.
- JEREMIAH, Old Testament prophet, XIII. 626, 415; XIX. 819.
- , Lamentations of, XIV. 240.
- JEREMY, Epistle of, in Apocrypha, III. 405.
- JEREZ DE LA FRONTERA, town, Spain, XIII. 629; wine of, XXIV. 607.
- JEREZ DE LOS CABALLEROS, town, Spain, XIII. 629.
- JERFALCON, bird, IX. 3.
- JERICHAU, Jens Adolf, Danish sculptor, XXI. 570.
- JERICHO, town, Palestine, XIII. 629.
- JERNANG, resin, VII. 389.
- JEROBOAM I., king of Israel, XIII. 406.
- II., of Israel, XIII. 408.
- JEROME, St, early Christian writer, XIII. 630; on the canon of Scripture, V. 11; on the Catacombs, V. 207; his connexion with monachism, XVI. 702.
- of Prague, Reformer and martyr, XIII. 631; XX. 322.
- JERROLD, Douglas William, English humorist, XIII. 632.
- JERSEY, Channel Islands, England, XIII. 634; newspapers of, XVII. 423.
- CATTLE, I. 389.
- CITY, town, New Jersey, U.S.A., XIII. 635; XVII. 397; population, XXIII. 822.
- JERUBBAAL (Gideon), of Scripture, X. 589.
- JERUN, island, Persian Gulf, XVII. 856.
- JERUSALEM, town, Palestine, XIII. 636; under David, XIII. 404; siege and destruction of, by Titus, XIII. 428; XXIII. 420; capture of, by the crusaders, VI. 626; Knights of St John in, XXI. 174; Knights Templars driven out of, XXIII. 161; establishment of bishopric of, IV. 523; Holy Sepulchre at, XXI. 670; mosques, XVI. 865; Christian pilgrimages to, VI. 622; XIX. 93; temple of, XXIII. 166; Nehemiah's walls, XIII. 640.
- , province, Asiatic Turkey, XXIII. 653.
- ARTICHOKE, vegetable, XII. 283; culture of, I. 369.
- DELIVERED, Tasso's poem, XXIII. 76.
- JERVAULX ABBEY, Yorkshire, England, XXIV. 749.
- JERVIS, John, Earl St Vincent, English admiral, XXI. 201.
- JESI, town, Italy, XIII. 644.
- JESSAMINE, or Jasmine, plant, XIII. 594.
- JESSE, of Scripture, VI. 837.
- , Edward, English naturalist, XIII. 644.
- , John Heneage, English writer, XIII. 645.

- JESSELMERE (Jaisalmir), state, India, XIII. 545; XX. 260.
- JESSE TREE, wood-carving, XXIV. 646.
- JESSOR, or Jessore, district, India, XIII. 645.
- JESTERS, IX. 366.
- JESUITESSES, order of nuns, XVI. 712.
- JESUITS, or Company of Jesus, XIII. 645; institution of the order, XVIII. 430; casuistry of the, v. 204; VIII. 595; XIII. 651; as educationists, VII. 674; in relation to Jansenism, XIII. 566; contests with La Chalotais, XIV. 192; their influence on the popedom, XIX. 504; interference in Tong-King, XXIII. 440; colleges of, in France, XXIII. 846; missions of, XVI. 513; XIX. 811; missions to China, XX. 536; under Pope Pius VI., XIX. 154; in Asia, II. 701; in Ireland, XIII. 263; in Spain, XXII. 341, 345; suppression of, by Pope Clement XIV., v. 823; XIX. 507; suppression of, in France, IX. 593.
- JESUITS' BARK, or Cinchona Bark (*q.v.*), v. 781.
- JESUITS' TEA, or Maté, XV. 627; IV. 227.
- JESUS, son of Sirach, XIII. 672; Book of Wisdom of, in Apocrypha, II. 181.
- , Company of, or Jesuits (*q.v.*), XIII. 645.
- JESUS CHRIST, XIII. 656; relation of Christianity to, v. 689; St Paul's conception of, XVIII. 425; Hegel's view of, XI. 613; Strauss's Life of, XXII. 592.
- JESUS COLLEGE, Cambridge, IV. 731.
- JESUS COLLEGE, Oxford, XVIII. 97.
- JET, mineral, XIII. 672; XVI. 429.
- JETHART JUSTICE, of Scottish proverb, XIII. 613.
- JETSAM, in English law, IX. 342.
- JETTIES, River, XX. 577, 580; of the Mississippi, XVI. 521.
- JETTISON, maritime term, III. 146.
- JEVONS, William Stanley, English economist, XIX. 398.
- JEW, The Wandering, XIII. 673.
- JEWEL, or Jewell, John, bishop of Salisbury, XIII. 675.
- JEWELLERY, XIII. 675; filigree work, IX. 163; rings, XX. 560; terra-cotta, XXIII. 193; Etruscan, VIII. 642; Indian, XII. 762.
- JEWISH CHURCH, History of, by Stanley, XXII. 451.
- JEWISH LAW, Mishnah, XVI. 502; Talmud, XXIII. 35; Mishneh Torah of Maimonides, XV. 295.
- JEWISH LITERATURE, III. 635; XI. 597; XIII. 408; apocalyptic, II. 174; poetical, III. 638.
- JEWISH PHILOSOPHY, in the Alexandrian school, I. 500; XVIII. 759.
- JEWISH YEAR, v. 713.
- JEWS, Ancient, their history, XIII. 396; dispersion of, XIII. 420, 429; in ancient Rome, XIX. 488; XX. 727; their architecture, II. 392; coins, XVII. 650.
- JEWS, Modern, XIII. 679; acclimatization of, I. 88; casuistry among, v. 203; their cosmogonies, VI. 447; fasting among, IX. 45; feasts of, IX. 115; Mahzor of, XV. 292; Mohammed's hostility to, XVI. 550, 557; their relations with Mohammedanism, XVI. 547, 550, 552, 555, 558; religion of, III. 634; XX. 361; of Abyssinia, I. 63; IX. 1; in Afghanistan, I. 238; in Africa, I. 262; first settlement in China, XIII. 823; Khazarian, XIV. 60; in Russia, XXI. 79; in Russian Poland, XIX. 309; in Spain, XXII. 308, 326; expulsion from Spain, IX. 82.
- JEW'S HARP, or Jew's Trump, musical instrument, XIII. 688.
- JEYPORE, state, India, XIII. 688; XX. 260; town, XIII. 688.
- JEYSULMERE, state, India, XX. 260.
- JEZEBEL, of Scripture, I. 420.
- JEZIRA, or Jeziret Akur, Mesopotamia, XVI. 48.
- JEZREEL, town, Palestine, XIII. 689; plain, XVIII. 171.
- JHAJJAR, town, India, XX. 623.
- JHALAWAR, state, India, XIII. 689; XX. 260; district, XIV. 15.
- JHANG, district, India, XIII. 689; XX. 109; town, XIII. 690.
- JHANSI, district and division, India, XIII. 690; XVII. 572; town, XIII. 690.
- JHARIJAS, tribe of Rajputs, India, VI. 731.
- JHELUM, or Jhilam, district, India, XIII. 690; town, XIII. 691.
- , river, India, XIV. 10; XX. 107; XXI. 735.
- JHIND, state, India, XIII. 691.
- JHUNG, or Jhang, district, India, XIII. 689; XX. 109; town, XIII. 690.
- JIB, of lifting crane, VI. 547.
- JIBOA, river, Central America, XXI. 268.
- JIDDAH, town, Arabia, XIII. 691; XX. 316.
- JIGAT (Dwaraka), town, India, VII. 567.
- JIGGER, insect, IX. 301; XIII. 150.
- , mining machine, XVI. 464.
- JIHLAVA (Iglau), town, Moravia, XII. 700.
- JIHUN, river, Asia Minor, II. 708; v. 777.
- JILOLO, island, Indian Archipelago, XIII. 692.
- JIMAMAYLAN, town, Philippine Islands, XVIII. 752.
- JIMENES, or Ximenes, Francisco, Spanish cardinal and statesman, XIII. 693.
- JINAS, prophets of the Jains, India, XIII. 543.
- JIND (Jhind), state, India, XIII. 691.
- JIRECEK, Hermenegild and Joseph, Bohemian writers, XXII. 153.
- JIRJEH (Girgeh), town, Upper Egypt, X. 623.
- JITOMIR (Zhitomir), town, Russia, XXIV. 784.
- JIZAK, town, Syr-Daria, Asia, XXII. 821.
- JMUD, tribe, Lithuania, XIV. 702.
- JO, image of Buddha, Tibet, XIV. 499.
- JOACHIM, abbot of Floris, mystic, XIII. 694; XVI. 317; XVII. 132.
- I. and II., electors of Brandenburg, XX. 4.
- , George, Tyrolese scholar, XX. 508.
- FREDERICK, elector of Brandenburg, XX. 5.
- JOACHIMSTHAL, town, Bohemia, XIII. 695; bismuth ores of, III. 792.
- JOAL, town, Senegal, Africa, XXI. 660.
- JOAN, legendary female pope, XIII. 695.
- of Arc, maid of Orleans, XIII. 695; VIII. 321; IX. 550; her connexion with Orleans, XVII. 849; at the siege of Paris (1429), XVIII. 290; tried for witchcraft, XXIV. 623.
- of Naples and Provence, XIX. 878.
- JOANES, or Juanes, Vicente, Spanish painter, XIII. 757.
- JOANNA II., queen of Naples, XX. 805.
- , wife of Philip I. of Spain, XVIII. 743; XXII. 327.
- HENRIQUEZ, wife of John II. of Aragon, XXII. 324.
- LA BELTRANEJA, daughter of Henry IV. of Castile, XXII. 321, 325.
- JOANNES, Presbyter, or Prester John, XIX. 714; I. 65; XVI. 745.
- of Epiphaneia, Byzantine historian, IV. 613.
- MASSILIENSIS, monk, v. 182.
- JOANNINA (Janina), town, Albania, I. 448; XIII. 565.
- JOANNITIUS, Arabian physician, XV. 805.
- JOÃO, or John (*q.v.*), kings of Portugal, XIII. 714.
- JOASH, king of Judah, XIII. 412.
- JOB, Book of, XIII. 697, 420; III. 639.
- JOBISTES, in French literature, IX. 657.
- JOEST, elector of Brandenburg, XX. 3; XXII. 48; XXIV. 501.
- JOB'S TEARS, plant and seeds, XIII. 703.
- JOCELINE, bishop of Wells, XXIV. 500.
- JOCKEYS, in horse-races, XII. 198.
- JOCULADORES, mediæval minstrels, VII. 413; XVI. 479.
- JODELLE, Stephen, French dramatist, VII. 423; IX. 651; XX. 841.
- JODHPUR, state and town, India, XIII. 703; XX. 260; town, XIII. 704.
- JOEL, Book of, XIII. 704.
- JOGLAR, mediæval minstrel, XVI. 479.
- JOHANNA, island, Comores, Africa, VI. 220.
- JOHANNESBURG, town, Transvaal, South Africa, XXIII. 518.
- JOHANNISBERG WINE, XXIV. 611.
- JOHANNITE, mineral, XVI. 402.
- JOHANSSON, Lars, Swedish poet, XXII. 755.
- JOHN, the apostle, XIII. 706; his connexion with the Fourth Gospel, X. 818; with the Apocalypse, XX. 500.

- JOHN, the Baptist, XIII. 709; his ministry, XIII. 662.
- , St. of Nepomuk, patron saint of Bohemia, XIII. 718.
- I., pope, XIII. 709.
- II.-V., popes, XIII. 710.
- VI., pope, XIII. 710; XX. 783.
- VII., pope, XIII. 710.
- VIII., pope, XIII. 710; XVIII. 820; XIX. 497.
- IX., pope, XIII. 710.
- X.-XI., popes, XIII. 710; XX. 787.
- XII., pope, XIII. 711; XIX. 497; XX. 788.
- XIII., pope, XIII. 711; XX. 789.
- XIV., pope, XIII. 711.
- XV., pope, XIII. 711; XX. 789.
- XVI.-XVIII., popes, XIII. 711.
- XIX., pope, XIII. 711; XX. 790.
- XXI., pope, XIII. 711; XIX. 556.
- XXII., pope, XIII. 712; XIX. 501; XX. 799; his contest with the Franciscans, XVII. 717.
- XXIII., pope, XIII. 712; XIX. 502; XX. 804.
- I. (Juan), king of Aragon, XIII. 715; XXII. 323.
- II., of Aragon, XIII. 716; XXII. 324.
- (of Luxemburg), king of Bohemia, III. 860; in Italy, XIII. 477.
- I., duke of Brabant, XII. 90.
- , elector of Brandenburg, XX. 4.
- I., king of Castile and Leon, XIII. 716; XIII. 321.
- II., of Castile and Leon, XIII. 716; XXII. 321.
- , king of England, XIII. 713; VIII. 306; IX. 541; his proceedings in Ireland, XIII. 259; his contest with the pope, XIV. 286.
- I., king of France, XIII. 714.
- II., of France, XIII. 714; IX. 546.
- I., Greek emperor, XIII. 712.
- II.-V., Greek emperors, XIII. 713.
- VI., Greek emperor, XIII. 713; XVIII. 166.
- VII., Greek emperor, XIII. 713; XVIII. 165.
- (of Avennes), count of Holland, XII. 72.
- I., Albert, king of Poland, XIX. 290.
- II., Casimir, of Poland, XIII. 714; XIX. 294.
- III., Sobieski, of Poland, XIII. 714; XIX. 295.
- (João) I., king of Portugal, XIII. 714; XIX. 544.
- II., of Portugal, XIII. 714; XIX. 545.
- III., of Portugal, XIII. 715; XIX. 545.
- IV., of Portugal, XIII. 715; XIX. 548.
- JOHN V., of Portugal, XIII. 715; XIX. 549.
- VI., of Portugal, XIII. 715; XIX. 552; his regency in Brazil, IV. 231.
- , king of Saxony, XIII. 715; XXI. 356.
- III., king of Sweden, XXII. 748.
- , Don, of Austria, XIII. 716; XVIII. 745; XXII. 329, 332; his mother, XX. 291; his intrigue to marry Mary, queen of Scots, XVIII. 525.
- , the Eunuch, Byzantine officer, XVI. 226.
- , Friar (Joannes de Plano Carpini), his mission to China, V. 132, 628.
- , Prester, of mediæval writers, XIX. 714; I. 65; XVI. 745.
- of Antioch, at the council of Ephesus (431), XVII. 356.
- of Asia, Syriac writer, XXII. 835.
- of Beth Garmai, Syriac writer, XXII. 843.
- of Damascus (Joannes Damascenus), Byzantine theologian, VI. 789; XI. 147.
- of Dara, Syriac writer, XXII. 846.
- of Douay, Italian sculptor, XXI. 569.
- of Dunstable, English musician, XVII. 82.
- of Ephesus, Syriac writer, XXII. 835.
- of Florence (Giovanni de Marignolli), Italian missionary, XV. 543; V. 628.
- of Gaunt, duke of Lancaster, VIII. 319, 327, 328; XIV. 255; XX. 541; XXII. 320; his patronage of Wycliffe, XXIV. 709.
- of Giscala, Jewish party leader, XIII. 427, 428.
- of Harran, Syriac writer, XXII. 851.
- of Leyden (Bockhold), Dutch Anabaptist, I. 787.
- of Maron, founder of the Maronites, XV. 562; as Syriac writer, XXII. 848.
- of Montecorvino, archbishop of Peking, V. 628; XVI. 742.
- of Mosul, Syriac writer, XXII. 855.
- of Nisibis, Syriac writer, XXII. 836.
- of Procida, Sicilian liberator, V. 423.
- of Ravenna, his contest with Pope Nicholas I., XVII. 483.
- of Rochelle, scholastic philosopher, XXI. 427.
- of Salisbury, early English writer, XIII. 718; XXI. 425.
- of the Sedras, Syriac writer, XXII. 839.
- , Apocalypse of, II. 179; XVI. 315.
- , Epistles of, XIII. 707; relation of First Epistle to the Gospel, X. 828.
- , Gospel of, X. 818; III. 643; Bretschneider's views on, IV. 262.
- BAR APHTONYA, Syriac writer, XXII. 833.
- JOHN BAR CURSUS, Syriac writer, XXII. 833.
- BAR ZOBI, Syriac writer, XXII. 852.
- BULL, History of, by Arbuthnot, II. 325.
- DE BRIENNE, king of Jerusalem, XXIII. 162.
- DE CELLA, abbot of St Albans, England, XX. 620.
- DORV, fish, VII. 374.
- FREDERICK, the Magnanimous, elector of Saxony, XXI. 353.
- GEORGE, elector of Brandenburg, XX. 5.
- GEORGE I., elector of Saxony, XXI. 354.
- SABHA, Syriac writer, XXII. 835.
- SIGISMUND, elector of Brandenburg, XX. 5.
- SWERKERSON, Swedish king, XXII. 745.
- JOHNNY LUDLOW, tales by Mrs Henry Wood, XXIV. 644.
- JOHNSHAVEN, village, Scotland, XIV. 79.
- JOHNS HOPKINS UNIVERSITY AND HOSPITAL, Baltimore, U.S.A., XV. 604; XXIII. 857.
- JOHNSON, Andrew, president of the United States, XIII. 719; XXIII. 781.
- (Janssen), Cornelius, Dutch painter, XIII. 567.
- , Esther, Dean Swift's Stella, XXII. 763.
- , Francis, English Independent, XII. 724.
- , Robert, English musician, XVII. 87.
- , Samuel, English essayist and lexicographer, XIII. 719; his intercourse with Boswell, his biographer, IV. 77; his relations with Burke, IV. 542; his dispute with Lord Chesterfield, V. 607; on epitaphs, VIII. 495; on newspapers, XVII. 416; his influence on English literature, VIII. 428; Boswell's ana of, I. 786.
- JOHNSTON, Albert Sidney, American general, XIII. 730; XXIII. 776.
- , Alexander Keith, Scottish geographer, XIII. 730.
- , Cuthbert W., on goats, I. 399.
- , John, naturalist, XX. 433; on birds, XVIII. 4, 9.
- , Joseph Eccleston, American Confederate general, XXIII. 777, 780.
- JOHNSTONE, river, Queensland, XX. 172.
- , town, Scotland, XIII. 730.
- JOHNSTONUS, Johannes, on birds, XVIII. 4, 9.
- JOHNSTOWN, town, Pennsylvania, U.S.A., XIII. 730.
- JOHORE, state, Malay Peninsula, XIII. 730; XV. 322.

- JOIGNY, town, France, XIII. 731; population, XXIV. 746.
- JOINERY, in building, IV. 485.
- JOINT, in law, XIII. 731.
- JOINTS, in anatomy, I. 832; diseases of, XXII. 685; injuries to, XXII. 682, 685.
- , in building, IV. 462, 477, 479, 488.
- , in mechanics, XIII. 731.
- , in rocks, X. 297.
- JOINT STOCK BANKS, III. 322.
- JOINT STOCK COMPANIES, VI. 221.
- JOINVILLE, Jean de, French historian, XIII. 733; IX. 646.
- JOISTS, in carpentry, IV. 482.
- JOKAI, Maurice, Hungarian novelist, XII. 379.
- JOKJOKARTA, town, Java, XIII. 606.
- JOKULL, mountains, Iceland, XII. 616.
- JOLIBA, river, Africa, I. 253; XVII. 496.
- JOLIET, town, Illinois, U.S.A., XIII. 735.
- JOLLY'S PYROMETER, XX. 131.
- JOLO ARCHIPELAGO, Philippine Islands, XVIII. 752.
- JOLOF, state, Senegambia, West Africa, XXI. 663.
- JOMELLI, Niccolò, Italian musician, XIII. 736; XVII. 93.
- JOMFRULAND, island, Norway, XVII. 576.
- JOMINI, Baron, French military tactician, XIII. 736.
- JOMMELLI, Niccolò, Italian musical composer, XIII. 736; XVII. 93.
- JON, François du (Junius), Huguenot divine, XIII. 778.
- JONAH, Book of, XIII. 736; III. 639; Greek allusions to Jonah's story, XVIII. 560.
- , Rabbi, of Cordova, Jewish philologist, XIII. 737.
- JONAS, Justus, German Reformer, XIII. 738.
- , Runolphus, Icelandic grammarian, XXI. 368.
- JONATHAN, Targum of, XXIII. 64.
- , Brother, nickname for people of United States, VI. 289; XXIII. 592.
- APPHUS (Maccabæus), Jewish high priest, XIII. 422.
- WILD, novel by Fielding, IX. 145.
- JONES, Inigo, English architect, XIII. 738; II. 442.
- , Sir John, on sapping and mining, IX. 456.
- , John Paul (Paul Jones), naval adventurer, XIII. 738; XXIII. 744.
- , Owen (1741–1814), Welsh antiquary, XIII. 739; as patron of Welsh literature, V. 314.
- , Owen (1809–1874), English art decorator, XIII. 739; on carpet-designs, V. 131.
- , Richard, English economist, XIX. 377.
- , Sir William, English Orientalist, XIII. 739.
- JONES, William, English divine, XIII. 740.
- JONGLEURS, mediæval minstrels, VII. 413; XIX. 873.
- JONKÖPING, town, Sweden, XIII. 740; county, XXII. 741.
- JONSON, Ben, English dramatist, XIII. 741; VIII. 421; his relation to Beaumont and Fletcher, III. 470; his influence on English comedy, VII. 432; his contention with Dekker, VII. 38; at Hawthornden, VII. 480; the London of, XIV. 848; as writer of masques, XXIII. 225; as pastoral poet, XVIII. 347; on Shakespeare, XXI. 767.
- JONSSON, Bo, Swedish noble, XXII. 746.
- JOPLIN, town, Missouri, U.S.A., XIII. 746.
- JOPPA, town, Palestine, XIII. 746.
- JORDAENS, Jacob, Flemish painter, XIII. 746.
- JORDAN, river, Palestine, XIII. 746; XVIII. 171.
- , Camille, French politician, XIII. 747.
- , Mrs, mistress of duke of Clarence (William IV.), XXIV. 581.
- JORDANES, historian of the Goths, XIII. 747; X. 847.
- JORDANITE, mineral, XVI. 395.
- JORDANS, English organ builders, XVII. 837.
- JORIS, David, French Anabaptist, VI. 844.
- JORNANDES (Jordanes), historian of the Goths, XIII. 747; X. 847.
- JORTIN, John, English theological writer, XIII. 749.
- JORULLO, volcano, Mexico, I. 674.
- JOSAPHAT AND BARLAAM, Sts, Legendary history of, III. 375; XX. 636.
- JOSCELINE, duke of Louvain, XVIII. 522.
- JOSEITE, mineral, XVI. 381.
- JOSEPH, tribe of Israel, XIII. 749.
- , husband of the Virgin Mary, XIII. 749; XV. 590; genealogy of, XIII. 660.
- I., emperor, XIII. 750.
- II., emperor, XIII. 750; X. 504; his reforms in Austria, III. 129.
- , king of Portugal, XIX. 550.
- of Arimathea, in mediæval romance, XI. 34; XX. 644.
- of Exeter, romancist, XX. 638.
- of Hazza, Syriac writer, XXII. 838.
- of Seleucia, Syriac writer, XXII. 837.
- ANDREWS, novel by Fielding, IX. 145.
- BONAPARTE, king of Spain, XXII. 344.
- DELORME (Sainte-Beuve, *q.v.*), French critic, XXI. 162.
- JOSÉPHINE, wife of Napoleon I., XIII. 751; her divorce, XVII. 215.
- JOSEPHSTADT, part of Pesth, Hungary, XVIII. 691.
- JOSEPHUS, Flavius, Jewish historian, XIII. 751, 427; his allusions to Jesus Christ, XIII. 658; on Phœnician history, XVIII. 807; on the topography of Jerusalem, XXIII. 169.
- JOSHUA, of Scripture, XIII. 752.
- , Jewish high priest, XXIV. 773.
- , the Stylite, Syriac writer, XXII. 832.
- , Book of, XVIII. 505.
- JOSIAH, king of Judah, XIII. 753, 415.
- JOSIKA, Miklos or Nicholas, Baron, Hungarian novelist, XIII. 753; XII. 379.
- JOSSELYN, town, France, XVI. 813.
- JOST, Isaak Markus, German historical writer, XIII. 754.
- VAN DYKE, island, West Indies, XXIV. 261.
- JOUBERT, Joseph, French writer, IX. 672.
- JOUFFROY, Théodore Simon, French philosopher, XIII. 754.
- JOULE, James Prescott, his experiments on heat, XI. 557; in magnetism, XV. 253; on the molecules of gases, III. 39; his law of the connexion of heat and work, VIII. 14, 56, 208; XXII. 478, 480.
- JOURDAIN, Alfonse, count of Toulouse, XIII. 755.
- DE BLAVES, romance, XX. 652.
- JOURNAL, in book-keeping, IV. 46.
- DE PARIS, newspaper, XVII. 425.
- DES DÉBATS, Paris newspaper, XVII. 425.
- DES SAVANTS, French periodical, XVIII. 539.
- DES TRÉVOUX, French journal, XVIII. 539.
- JOURNALISM, XVII. 412.
- JOURNAL TO STELLA, by Dean Swift, XXII. 763.
- JOURNEYMAN HANDICRAFTS, XIV. 172.
- JOURNEY TO THE HEBRIDES, by Johnson, XIII. 727.
- JOURT, Kirghiz tent, XXIII. 183.
- JOUSTS, single combats, XXIII. 489.
- JOUVENET, Jean, French painter, XIII. 755.
- JOUX, Fort de, in the Jura, France, XIII. 782.
- JOVE (Jupiter, *q.v.*), Roman god, XIII. 779.
- JOVELLANOS, or Jove Llanos, Gaspar Melchor de, Spanish statesman and writer, XIII. 755; XIX. 387; XXII. 343, 361.
- , Salvador, president of Paraguay, XVIII. 245.
- JOVIANUS (Jovianus), Roman monk and heretic, XIII. 756; XVI. 703.
- , Flavius Claudius, or Jovian, Roman emperor, XIII. 755; XX. 779; in Persia, XVIII. 609.
- JOVINIACUM (Joigny), ancient town, France, XIII. 731.

- JOVINIANUS, Roman monk and heretic, XIII. 756; his warning against monachism, XVI. 703.
- JOVIUS, Paulus, Italian historian, XIII. 756.
- JOWARI (Sorghum), Indian grain, XVI. 321.
- JOWF, or Jauif, district, Arabia, II. 239, 254; XXIV. 740.
- JOYCE'S COUNTRY, district, Galway, Ireland, X. 55.
- JUAN (John) I., king of Aragon, XIII. 715.
- II., of Aragon, XIII. 716.
- I.-II., kings of Castile and Leon, XIII. 716.
- , Jorge, his *Compendio de Navegacion*, XVII. 258.
- JUANES, Vicente, Spanish painter, XIII. 757.
- JUAN FERNANDEZ, island, South Pacific, XIII. 757; V. 617; IX. 99; humming birds of, III. 745.
- JUAREZ, Benito Pablo, president of Mexico, XIII. 758.
- JUBA, river, Africa, I. 255.
- I.-II., kings of Numidia, XIII. 759; XVII. 627.
- JUBAL, of Scripture, XIV. 238.
- JUBBULPORE, district, India, XIII. 528; town, XIII. 529.
- JUBE, in architecture, II. 466.
- JUBEIL (Jebell), ancient town, Syria, XIII. 613.
- JUBILATE, Purcell's, XX. 113.
- JUBILEE, or Jubile, Year of, in Israel, XIII. 759.
- JUBILEES, Book of the, apocalyptic work, II. 176.
- JUBILEE YEAR, in Roman Catholic Church, XIII. 760.
- JUCAR, river, Spain, XXIV. 33.
- JUDAH, tribe of Israel, XIII. 760, 400, 404; kingdom of, XIII. 412; territory of, XVIII. 175.
- JUDAISM, religion of the Jews, XX. 361; its influence on Christianity, V. 693; Hellenistic, XVIII. 760; theism of, XXIII. 243; in Abyssinia, I. 262.
- JUDAS, or Jude, St, XIII. 761.
- ISCARIOT, apostle, XIII. 760; legend of, XIII. 674.
- MACCABÆUS, Jewish leader, XV. 130; XIII. 421.
- MACCABÆUS, Handel's oratorio, XI. 436.
- TREE, plant, XIII. 761.
- JUDD, Sylvester, American writer, I. 727.
- JUDDAH (Jiddah), town, Arabia, XIII. 691.
- JUDE, St, of Scripture, XIII. 761.
- , Epistle of, XIII. 761; its correspondence with 2 Peter, XVIII. 698.
- JUDGE, JUDGES, XIII. 762; position and functions of, XIV. 365; XV. 216; English, as peers; XVIII. 460, 467; precedence of, XIX. 662; prerogatives of, XIX. 673.
- JUDGE ADVOCATE GENERAL, of British army, II. 587.
- JUDGES, Book of, XIII. 763; its narrative, XIII. 400.
- JUDGMENT, in law, XIII. 764.
- , in logic, XIV. 788; analytic, I. 797; Kant on, XIII. 854; Locke on, XIV. 760.
- JUDGMENTS OF THE SEA, XXI. 583.
- JUDICATURE, XI. 15.
- ACTS, XIII. 764; of 1873, II. 209.
- JUDICES DATIVI, Roman, XX. 789.
- JUDICES DE CLERO, Roman, XX. 785.
- JUDICIAL COSTUME, VI. 476.
- JUDICIAL NOTICE, XVII. 597.
- JUDICIAL PROCEDURE, in Roman law, XX. 707, 711.
- JUDICIAL TRIBUNALS, VI. 516.
- JUDICIARY, of United States, XXIII. 751.
- JUDITH, wife of the emperor Louis I., XV. 16.
- , Book of, in Apocrypha, XIII. 765; II. 181.
- JUDSON, Adoniram, American missionary, XIII. 766.
- JUEL, Jens, Danish painter, VII. 93.
- JUF, valley, Sahara, Africa, XXI. 150.
- JUGGERNAUT, or Jugannath, Indian god and temple, XVII. 845; II. 397; XX. 115.
- JUGGLERY, conjuring, XIV. 414.
- JUGLANS, genus of trees, XXIV. 333.
- JUGRA, town, Straits Settlements, Asia, XXII. 587.
- JUGURTHA, Numidian prince, XIII. 766; XVII. 627; his contest with Rome, XX. 758.
- JUJUBE, tree and fruit, XIII. 767; XV. 12.
- JUKES, Joseph Beete, English geologist, XIII. 768.
- FAMILY, example of atavism, VIII. 615.
- JULAVER, Persian usurper, XVIII. 633.
- JULÉ, son of Jenghiz Khan, XIII. 622.
- JULEK, town, Syr-Daria, Central Asia, XXII. 819.
- JULFA, suburb of Ispahan, Persia, XIII. 394.
- JULIA, wife of Pompey, XIX. 451.
- DOMNA, wife of emperor Severus, XXI. 699.
- JULIAN, the Apostate, Roman emperor, XIII. 768; XX. 779; as Neoplatonist, XVII. 337; in Persia, XVIII. 609; his works at Paris, XVIII. 287.
- , Cardinal, crusader, XXIII. 642.
- ALPS, I. 630.
- CALENDAR, IV. 667, 670.
- JULIANEHAAB, district, Greenland, XI. 170.
- JULIANI, Pedro (Pope John XXI.), XIII. 711.
- JULIANITE, mineral, XVI. 395.
- JULIAN PERIOD, in chronology, V. 711.
- JULIAN'S EDICT, in Roman law, XX. 704.
- JULIÃO, Portuguese chancellor, XIX. 541.
- JÜLICH, town, Prussia, XIII. 770.
- JÜLICH-BERG, German duchies of, XX. 9.
- JULIEN, Noel (Stanislas Aignen Julien), French Orientalist, XIII. 770.
- JULIERS (Jülich), town, Prussia, XIII. 770.
- JULIOBONA (Lillebonne), ancient town, France, XIV. 642.
- JULISCO, state, Mexico, XVI. 214.
- JULIUS I., pope, XIII. 771; XIX. 490.
- II., pope, XIII. 771, 481; XX. 323; his patronage of Michelangelo, XVI. 231.
- III., pope, XIII. 772; XIX. 504; his relation to the council of Trent, XXIII. 547.
- , duke of Brunswick, X. 529.
- CÆSAR, Roman dictator, IV. 633. See Cæsar.
- CAPITOLINUS, Augustan historian, III. 74.
- CÆSAR, romance, XX. 639.
- JULLUNDUR (Jalandhar), district, India, XIII. 545; town, XIII. 546.
- JULPIGOREE (Jalpaiguri), district and town, India, XIII. 548.
- JULUS, genus of Myriapoda, XVII. 118.
- JULY, month, XIII. 772.
- , Revolution of (1830), France, IX. 619.
- JUME, plant, Patagonia, XVIII. 353.
- JUMET, town, Belgium, XIII. 772.
- JUMIÈGES, town, France, XIII. 772.
- JUMILLA, town, Spain, XIII. 772.
- JUMMOO (Jamu), town, India, XIII. 564.
- JUMNA, river, India, XIII. 773; XVII. 572.
- JUMPER, mining implement, XVI. 444.
- JUMPING HARE, of South Africa, XIII. 626; XV. 415, 420.
- JUMPING MOUSE, of Labrador, XIII. 626.
- JUNAGARH, state and town, India, XIII. 773.
- JUNE, month, XIII. 773.
- JUNG, Joachim, German naturalist, XX. 301.
- , Johann Heinrich (Heinrich Still- ing), German mystic, XIII. 774.
- JUNGARS, or Sungars, tribe of Kalmuk Tartars, IV. 710; XVI. 746.
- JUNG-BRESLAU (Inowrazlaw), town, Prussia, XIII. 91.
- JUNGERMANNIÆ, class of Liverworts, XVII. 68, 69.
- JUNGLACHE, town, Tibet, XXIII. 340.
- JUNG-LAM, road, Tibet, XXIII. 342.
- JUNGLE-ALMOND OIL, XVII. 744.
- JUNGLE-FOWL, bird, IX. 492.
- JUNGMANN, Joseph, Bohemian writer, XXII. 152.
- JUNIPER, tree, XIII. 774; in U.S.A., XXIII. 810.

- JUNIUS, Franciscus (1545–1602), Huguenot divine, XIII. 778.
 —, Franciscus (1589–1677), philologist, XIII. 778.
 —, Hadrianus, on the invention of printing, XXIII. 689.
 —, Letters of, XIII. 775; IX. 697; XVII. 417.
 JUNKERTHUM, Prussian squirearchy, XX. 12.
 JUNNAR, town, India, XIX. 461.
 JUNO, Roman goddess (the Greek Hera), XIII. 778; XI. 679.
 —, asteroid, II. 807.
 JUNOT, Andoche, duke of Abrantes, French general, XIII. 779; XIX. 551.
 —, Laure Permon, duchess of Abrantes, XIII. 779.
 JUNTA, The Holy, of Avila, Spain, XXII. 328.
 JUPITER, Roman god (the Greek Zeus), XIII. 779.
 —, planet, II. 776, 782, 808; measurements of, XVI. 250; parallax of, XVIII. 246; eclipses of the satellites of, X. 35; XIV. 584; as affected by tidal friction, XXIII. 379.
 —, CAPITOLINUS, Temple of, at Rome, XX. 824.
 —, PANHELLENIUS, Temple of, in Ægina, I. 181.
 —, STATOR, Temple of, at Rome, II. 416; XX. 821.
 JURA, department, France, XIII. 783.
 —, mountain range, France and Switzerland, XIII. 781; IX. 506.
 —, island, Scotland, XIII. 783.
 JURASSIC ROCKS, geological system, X. 354.
 JURIEU, Pierre, French Protestant theologian, XIII. 783.
 JURISDICTIONS, Heritable, in Scots law, XI. 739.
 JURISPRUDENCE, XIV. 354; in Roman law, XX. 698, 703; contributions to, by Savigny, XXI. 326; by Thibaut, XXIII. 301; by Zachariae, XXIV. 762; Grotius's works on, XI. 220.
 —, Medical, XV. 778.
 JURJANI, Fakhr-uddin Asad, Persian poet, XVIII. 657.
 JURY, Trial by, XIII. 783; XXIII. 555; origin of, VIII. 298; in cases of libel, XIV. 507; venue of, XXIV. 162.
 JUS, in Roman law, XX. 670.
 —, CIVILE, in Roman law, XX. 678.
 —, DEVOLUTIONIS, old feudal custom, in the Netherlands, IX. 575.
 —, GENTIUM, in Roman law, XX. 695.
 —, HONORARIUM, in Roman law, XX. 695.
 —, INTER GENTES, or International Law, XIII. 190.
 —, NATURALE, in Roman law, XX. 703.
 JUSSIEU, De, family of French botanists and naturalists, XIII. 788.
 JUSSIEU, Antoine Laurent de, French botanist, XIII. 788; his classification, IV. 80; XVI. 838.
 JUSTI, Johann H. G., German economist, XIX. 363.
 JUSTICE, its administration in primitive communities, VIII. 624; the king the fountain of, XIX. 673; Plato on, XIX. 203.
 —, judicial title, XIII. 788.
 —, OF THE PEACE, magistrate, XIII. 789; court of, XXII. 641.
 JUSTICIARY, High Court of, in Scotland, XIII. 790.
 JUSTIFICATION, Doctrine of, at the council of Trent, XXIII. 546.
 JUSTIN (Justin Martyr), apologist and martyr, XIII. 790; his canon of Scripture, V. 7; on the Gospels, X. 816, 821, 822; on Neoplatonism, XVII. 335.
 —, Latin historian, XIII. 791.
 —, Gnostic leader, X. 702.
 —, I., emperor of the East, XIII. 791.
 —, II., emperor of the East, XIII. 792.
 JUSTINA, mother of Theodosius, I. 663.
 JUSTINIAN I. (Flavius Anicius Justinianus), emperor of the East, XIII. 792; XI. 112; legislation of, VI. 105; XIII. 792; XX. 712; Theophilus's Life of, XXIII. 253, 276.
 —, II., emperor of the East, XIII. 798.
 —, Aqueduct of, Turkey, II. 221.
 —, Code of, VI. 105; XX. 712.
 JUSTINIANUS, Laurentius, St. X. 625.
 JUTE, vegetable fibre, XIII. 798; cultivation of, III. 568; in India, XII. 749; factories in England, VIII. 233; manufacture in India, XII. 763.
 JÜTERBOGK, town, Prussia, XIII. 803.
 JUTES, ancient Teutonic people, II. 30; in England, VIII. 268.
 JUTIA, animal, Cuba, VI. 680.
 JUTLAND, peninsula, Denmark, VII. 80.
 JUVENAL (Decimus Junius Juvenalis), Latin poet and satirist, XIII. 804; XXI. 319; language and style of, XIV. 337; his place in Roman literature, XX. 725.
 JUXON, William, archbishop of Canterbury, XIII. 809.
 K, the eleventh letter of the alphabet, XIII. 810.
 KAABA, or Kaba, sacred shrine, at Mecca, XIII. 810; II. 262; XV. 672; XVI. 545, 559, 580; pilgrimage to, XIX. 93.
 KAADEN, town, Bohemia, XIII. 810.
 KAAH, district, Sinai, Arabia, XXII. 88.
 KAAT, shrub, in Arabia, II. 238.
 KABA, or Kaaba (*q.v.*), sacred shrine at Mecca, XIII. 810.
 KABAHA, ancient town, Central America, XXIV. 759.
 KABALAKI, mountain, Timor, Indian Archipelago, XXIII. 397.
 KABARA, town, West Africa, XVII. 497.
 KABARDANS, race of people, Caucasus, V. 257.
 KABARDINE, perfume, XVII. 107.
 KABBALAH, Jewish theosophy, XIII. 810; XX. 490.
 KABINDA, or Cabenda, town, Loango, Africa, IV. 618; XIV. 743.
 KABIR, Hindi writer, XI. 844.
 KABIS, town, Tunis, XXIII. 620.
 KABUL, or Cabul, town and province, Afghanistan, IV. 623.
 KABUSHAN (Kuchan), town and district, Persia, XIV. 152.
 KABYLES, North-African tribes, XIII. 814; I. 564; XVII. 628; XXIII. 620.
 KACHH (Cutch), state, India, VI. 730.
 —, Lake (Rann or Runn) of, IV. 22.
 KACHO (Cachao), town, Anam, IV. 624.
 KACZKOWSKI, Polish novelist, XIX. 305.
 KADAMAT, island, Laccadives, Indian Ocean, XIV. 183.
 KADAMBA, dynasty, Mysore, India, XVII. 123.
 KADAPA (Cuddapah), district, India, VI. 689.
 KADESH, Hittite town, Syria, XXII. 821.
 KADI (Cadi), Moslem magistrate, XVI. 591; XXII. 624.
 KADIN, wife of the Turkish sultan, XI. 478.
 KADIR BILLAH, caliph, XVI. 588.
 KADISIYA, Persia, Battle of (637), XVI. 562; XVIII. 616.
 KADLUBEK, Vincent, Polish chronicler, XIX. 299.
 KADMEES, Parsee sect, India, XVIII. 326.
 KADNIKOFF, town, Russia, XXIV. 283.
 KADOM, town, Russia, XIII. 815.
 KADUR, district, India, XIII. 815.
 KAE-FUNG FOO, town, China, XIII. 823.
 KAEMPFER, Engelbrecht, German traveller, XIII. 816; on Japan, XIII. 584.
 KAFFA, district, Abyssinia, XIII. 816.
 —, town, Crimea, Russia, XXIII. 257.
 KAFFRARIA, South Africa, XIII. 816.
 KAFFRES, race of people, South Africa, XIII. 818; I. 263; V. 47; suicidal delusion among (1857), V. 46; wars of, XIII. 817; V. 45; languages of, XXIV. 828.
 KAFIRISTAN, country, Asia, XIII. 820.
 KAFIRS, or Kaffres, race of people, South Africa, XIII. 818.
 —, people of Kafiristan, Asia, XIII. 821.
 KAFITU, district, ancient Syria, XXII. 822.
 KAGERA, river, Africa, XVII. 505.
 KAGHAA, bird, XVII. 354.
 KAGHYZMAN, town, Transcaucasia, XXIII. 515.
 KAGU, bird, XVII. 376; XX. 223; XXII. 653.
 KAHIR BILLAH, caliph, XVI. 587.

- KAHLA, town, Germany, XXI. 347.
KAHLUR, or Bilaspur, hill state, Punjab, India, XIII. 823; III. 670.
KAHULAWI, island, Hawaiian group, XI. 532.
KAIBALS, people, Russia, XXI. 251.
KAID BAY MOSQUE, Cairo, II. 446.
KALETEUR, waterfall, Guiana, XI. 250.
K'AI-FUNG FOO, town, China, XIII. 823.
KAIKAVUS, Seljuk ruler, XXI. 637.
KAIKHOSRAU I., Seljuk ruler, XXI. 636.
— II., Seljuk ruler, XXI. 637.
KAIKOBAD, Seljuk prince, XXI. 637.
KAILASA, or Kylas, Cave-chambers of, Ellora, India, II. 395.
KAILAS GANGRI, mountain, Tibet, XXIII. 340.
KAIM BI-AMR-ILLAH, caliph, XVI. 588.
KAINITE, mineral, XV. 217; XVI. 402; XIX. 588.
KAINSK, town, Asiatic Russia, XXII. 11; XXIII. 439.
KAIRA, district and town, India, XIII. 824.
KAIRANA, town, India, XVII. 114.
KAIRWAN, or Kairawan, town, Tunis, XIII. 824; XXIII. 620; mosque at, XVI. 865.
KAIS (Kish), island, Persian Gulf, XIV. 101.
KAISARIEH (Caesarea), town, Asia Minor, IV. 640; V. 75.
KAISARYAH (Caesarea Palestina), town, Palestine, IV. 639.
KAISER, title, XXIII. 418.
— FRANZENSBAD, watering-place, Bohemia, IX. 724.
— KARLSBAD (Carlsbad), town, Bohemia, V. 112; XVI. 435.
KAISERSLAUTERN, town, Bavaria, XIII. 825.
KAISERSWERTH, town, Prussia, XIII. 825; deaconesses of, XVI. 715; deaconesses' home at, IX. 307.
KAISOW TEAS, V. 635.
KAITHAL, town, India, XIII. 825.
KAIYAN, town, Persia, XVIII. 627.
KAJAR DYNASTY, of Persia, XVIII. 645.
KAJARS, Turkish tribe, XXIII. 661.
KAKA, New Zealand bird, XVII. 354.
KAKAPO, New Zealand bird, XIII. 825.
KAKARS, Afghan clan, I. 235.
KAKODYLE COMPOUNDS, in chemistry, XVI. 197.
KAKONGO, district, West Africa, XIV. 742. See also IV. 625.
KALABAGH, town, India, XIII. 826.
KALAHARI DESERT, South Africa, XVII. 168.
KALAH SHERGHAT, town, Mesopotamia, III. 183.
KALAMATA, town, Greece, XIII. 826; XVI. 53.
KALAMAZOO, town, Michigan, U.S.A., XIII. 826.
KALANG, district, Malay Peninsula, XV. 322.
KALATCH, town, Russia, XIII. 826; XXIV. 298.
KALAT-I-GHILZAI, fortress, Afghanistan, I. 230.
KALBE, town, Prussia, XIII. 826.
KALCKER, John de (Calcar), German painter, IV. 653.
KALDA, district, Mesopotamia, XVI. 51.
KALE, Scotch, vegetable, IV. 617; XII. 279.
KALEEGE, Indian pheasant, XVIII. 733.
KALEIDOSCOPE, optical instrument, XIII. 826; XIV. 587; Brewster's invention of, IV. 276.
KALENBURG (Calenberg), principality, Hanover, IV. 664.
KALENDS, first day of Roman month, IV. 665.
KALEWALA, Finnish epic poem, IX. 219; XVII. 158.
KALGAN, town, China, XIII. 828.
KALHAT, coast region, Arabia, II. 255.
KALHORA DYNASTY, Sind, India, XXII. 92.
KALIDASA, Sanskrit writer, XIII. 828; VII. 397; XXI. 285.
KALILAH AND DIMNAH, Book of, III. 666; ancient Syriac version, XXII. 850.
KALINGA, ancient kingdom, India, XIII. 829.
KALINGAPATAM, town, India, XIII. 829.
KALISH, town, Russian Poland, XIII. 829; treaty of (1813), XXII. 531; government, XIX. 309.
KALITVENS KAYA, Don Cossack village, Russia, XIII. 829.
KALI-YUG, Hindu chronology, V. 719.
KALLADAKURCHI, town, India, XXIII. 405.
KALLIGENEIA, Greek festival, XXIII. 295.
KALMAR (Calmar, *q.v.*), town, Sweden, IV. 710.
KALMUKS, Kalmucks, or Calmucks, Mongol tribes, IV. 710; XVI. 745, 749; XXIII. 70.
KAL MURA, river, Persia, XVIII. 626.
KALMYKOFF, town, Russia, VI. 24.
KALNA, town, India, XIII. 829.
KALOCSA, or Kaloeza, town, Hungary, XIII. 829; observatory at, XVII. 713.
KALONG, bat, in Java, IX. 352.
KALPENI, island, Laccadives, Indian Ocean, XIV. 183.
KALPI, town, India, XIII. 830.
KALUGA, government, Russia, XIII. 830; XXI. 69; town, XIII. 830.
KALVARIYA, town, Russia, XIII. 830.
KALW, town, Württemberg, XIII. 830.
KALWARYA, town, Russian Poland, XXII. 728.
KALYAN, town, India, XXIII. 221.
KALYAZIN, town, Russia, XXIII. 672.
KAMA, river, Russia, XIV. 20; XVIII. 549; XXIV. 279.
KAMACHIA (Shemaha), ancient town, Persia, XXI. 794.
KAMAKHYA, Temple of, at Now-gong, India, XVII. 609.
KAMAL, town, Madura, Indian Archipelago, XV. 193.
KAMALA, drug, XIII. 831.
KAMALIA, town, India, XVI. 789.
KAMASINS, people, Russia, XXI. 251.
KAMBANGAN, Nusa, island, Java, XIII. 600.
KAMBAY (Cambay), town and gulf, India, IV. 723.
KAMBOJA (Cambodia), kingdom, Indo-Chinese Peninsula, IV. 723; XXI. 854.
KAMBURG, town, Germany, XXI. 348.
KAMCHADALE, people of Kamchatka, XIII. 832.
KAMCHATKA, peninsula, Siberia, XIII. 831.
—, Sea of, XVIII. 116.
KAMEEL, or Kamil, sovereign of Egypt, VI. 630; VII. 754.
KAMENETS, town, Podolia, Russia, XIII. 832; XIX. 254.
KAMENZ, town, Saxony, XIII. 832.
KAMES, Lord, Scottish philosopher and judge, XIII. 833; on beauty, I. 222; his method of improving moss land, I. 404.
KAMICHI, bird, XXI. 552.
KAMIL (Hami), town, Central Asia, XI. 409.
—, El, sovereign of Egypt, VI. 630; VII. 754.
KAMMERALISTS, German economists, XIX. 363.
KÄMMERERITE, mineral, XVI. 414.
KAMMERSEE, lake, Austria, XXI. 241.
KAMMIN, town, Prussia, XIII. 833.
KAMUZ, tribe, Kafirstan, XIII. 822.
KAMPEN, town, Holland, XIII. 833; XVIII. 78.
KAMPONGS, village groups, Sumatra, I. 96.
KAMPOT, seaport, Cambodia, IV. 725.
KAMPTEE (Kamthi), town, India, XIII. 834; XVII. 164.
KAMPTULICON, floor-cloth, VI. 402; XIV. 676.
KAMRUP, district, India, XIII. 833.
KAMSA, Gabriel, Syriac hymn-writer, XXII. 855.
KAMTCHATKA, or Kamchatka, peninsula, Siberia, XIII. 831.
KAMTHI, town, India, XIII. 834; XVII. 164.
KAMUISHIN, town, Russia, XIII. 834; XXI. 305.
KAMURGI, Ali, Ottoman general, XI. 121.
KAMYSHIN (Kamuishin), town, Russia, XIII. 834; XXI. 305.
KANADA, Hindu philosopher, his categories, V. 222.
KANAGAWA, town, Japan, XXIV. 745.

- KANALA, New Caledonia, Nickel-mines of, XVII. 376.
- KANANUR, town, India, XIII. 834; XV. 312.
- KANARA, North, district, India, XIII. 834.
- , South, district, India, XIII. 835.
- KANASTER TOBACCO, XXIII. 425.
- KANAUJ, town, India, XIII. 835; IX. 42.
- KANAWHA, river, West Virginia, U.S.A., XXIV. 518.
- KANBIL (Kamala), drug, XIII. 831.
- KANDAHAR, town, Afghanistan, XIII. 835.
- KANDAVU, island, Fiji group, IX. 156.
- KANDELBERG, mountain, Black Forest, Germany, XXIV. 700.
- KANDHS, tribe, India, XV. 185.
- KANDI, town, India, XIII. 837.
- KANDJUR, Tibetan Buddhist books, XIV. 229.
- KANDUKUR, town, India, XVII. 321.
- KANDY, town, Ceylon, XIII. 837.
- KANE, Elisha Kent, American explorer, XIII. 837; XIX. 322.
- KANEFF, town, Russia, XIII. 838.
- KANEMI, Mahomet el-Amin el, sheikh of Bornu, Central Africa, IV. 62.
- KANGAROO, marsupial mammal, XIII. 838; III. 111; XV. 382.
- ISLAND, South Australia, XXII. 286.
- LEATHER, XIV. 389.
- KANG-HE, emperor of China, v. 650.
- KANG-KAO (Cancao), town, Cambodia, IV. 800.
- KANGRA, district, India, XIII. 841; XX. 109; town, XIII. 841.
- KANHWARA, town, India, XXI. 665.
- KANIAPUSCAW, lake, Labrador, XIV. 175.
- KANIEFF, or Kaneff, town, Russia, XIII. 838.
- KANISHKA, Buddhist king, North-West India, XII. 784; XVIII. 606.
- KANIZSA-NAGY, town, Hungary, XIII. 842.
- KANKAKEE, town, Illinois, U.S.A., XIII. 842.
- KANKER, state, India, XX. 257.
- KANO, or Kino, drug, XIV. 90.
- , town, Central Africa, XIII. 842; XXII. 248, 279.
- KANOJE (Kanauj), town, India, XIII. 835; IX. 42.
- KANSAS, State, U.S.A., XIII. 842; population, XXIII. 802.
- CITY, town, Kansas, U.S.A., XXIV. 704.
- CITY, town, Missouri, U.S.A., XIII. 844; XVI. 526; XXIV. 704.
- KANSAS-NEBRASKA ACT, U.S.A., XXIII. 770.
- KANSK, town, Siberia, XXIV. 743.
- KANSTATT (Canstatt), town, Würtemberg, v. 26; XXII. 613; XXIV. 701.
- KAN-SUH, province, China, v. 638.
- KANT, Immanuel, German philosopher, XIII. 844; X. 540; his doctrine of antinomies, II. 130; on mental association, II. 732; on axiomatic principles, III. 159; on the beautiful, I. 217; his doctrine of the categories, v. 224; on deism and theism, XXIII. 235, 246; his ethics, VIII. 609; on evolution, VIII. 761; on induction and analogy, I. 791; his view of Jesus Christ, XIII. 669; his influence on English literature, VIII. 432; his logic, XIV. 795, 799; his metaphysics, XVI. 82; on optimism and pessimism, XVIII. 687; on philosophy, XVIII. 794; his influence on German rationalism, XX. 290; his attitude towards scepticism, XXI. 383; Jacobi's criticism of, XIII. 538; his reply to Hume compared with Reid's, XX. 351.
- KANTELETAR, Finnish lyric poetry, IX. 220.
- KANTEMIR, Antiokh, Russian satirist, XXI. 105.
- KANTYSEE, mountain, Tibet, XXIII. 340.
- KANURI, Negro tribe, Bornu, IV. 61.
- KANZEGO, town, Tibet, XXIII. 342.
- KAO, island, South Pacific, IX. 779.
- KAOLIN, porcelain clay, XIV. 1, 90; XVI. 424; XIX. 600, 633; of St Yrieix, France, XIV. 651.
- KAPILA, Hindu sage, IV. 209; XXI. 291.
- (Hardwar), town, India, XI. 475.
- KAPILAVASTU, origin of Buddhism at, IV. 425.
- KAPPEL, Switzerland, Battle of (1531), XX. 334; XXII. 790; XXIV. 612.
- KAPUAS, river, Borneo, IV. 56.
- KAPUNDA, town, South Australia, XXII. 284.
- KAPURTHALA, state, India, XIV. 2.
- KARA, river, Russia, XXI. 73.
- KARABAGH, khanate, Caucasia, XXI. 849.
- KARABOGHAZ, gulf, Caspian Sea, v. 178.
- KARA-BUTAK, town, Siberia, XXIII. 627.
- KARACHI (Kurrachee), district, India, XIV. 160; town, XIV. 161.
- KARAD, town, India, XXI. 317.
- KARA-DAGH, mountain, Persia, XIV. 66.
- KARA-DARIA, river, Central Asia, XXII. 818.
- KARAFUTU, or Karafuto (Saghalin), island, North Pacific, XXI. 147.
- KARAGASSES, or Karagases, Ural-Altaic people, Siberia, XXI. 251; XXII. 8; XXIII. 70.
- KARAGEORGEVICH (Czerny George), Servian leader, VI. 755; XXI. 689.
- KARA-HISSAR, three towns, Asiatic Turkey, XIV. 2.
- KARAITES, Jewish sect, XIV. 2; in Russia, XXI. 79.
- KARAKALPAKS, Tartar tribe, XIV. 64.
- KARAKASH, town, Turkestan, XIV. 67.
- KARA-KIRGHIZ, Tartar tribe, XIV. 94.
- KARAKOL, town, Russia in Asia, XXI. 641.
- KARAKORUM, town, Central Asia, XIV. 2; Mongol palace at, XVI. 742.
- , mountain range, XIV. 2; II. 684; XXIII. 340; pass, XIV. 2, 153; XXIII. 340.
- KARAKUL, lake, Central Asia, XVIII. 103.
- KARA-KUM, desert, Transcaspian Region, Russia, XXII. 820; XXIII. 511.
- KARAMAN (Caraman), town, Asiatic Turkey, v. 82; XV. 92.
- , Turkish principality, Asia Minor, XXIII. 640.
- KARAMANIA (Caramania), district, Asiatic Turkey, v. 82.
- KARAMITA, Moslem sect, XVI. 586, 594.
- KARA MUSTAPHA, Turkish vizier and general, XIX. 296; XXIII. 645.
- KARAMZIN, Nikolai Mikhailovich, Russian writer, XIV. 3; XXI. 106.
- KARA SEA, Arctic Ocean, XVII. 604.
- KARASHAR, town, Turkestan, XXIII. 639.
- KARA STRAIT, Arctic Ocean, XVII. 604.
- KARASU-BAZAR, town, Russia, XIV. 3.
- KARA-TAU, mountains, Syr-Daria, Asia, XXII. 820.
- KARATAYS, race of people, Russia, XVI. 813.
- KARATCHAI, tribe of Tartars, Russia, XIV. 150; XXIII. 70.
- KARATCHEFF, town, Russia, XIV. 4; XVII. 826.
- KARATEGIN, country, Central Asia, XIV. 4.
- KARAULI, state, India, XIV. 4; XX. 260; town, XIV. 4.
- KARAWANKEN, mountains, Styria, Austria, XXII. 614.
- KARCZAG, town, Hungary, XIV. 5.
- KARDEC, Allan, French spiritualist, XXII. 407.
- KARDJORDJE (Czerny George), Servian leader, VI. 755; XXI. 689.
- KARDSZAG (Karczag), town, Hungary, XIV. 5.
- KARELIANS, race of people, Russia, XIV. 307; XVII. 764.
- KARELINITE, mineral, XVI. 396.
- KAREMA, town, Tanganyika, Africa, XXIV. 763.
- KARENS, race of people, Siam and Burmah, XXI. 852.
- KARGALYK, town, Turkestan, XXIII. 639; XXIV. 728.
- KARHARBARI, coalfield, India, XII. 737.
- KARIKAL, town, India, XIV. 5.
- KARIM KHAN, Persian ruler, XVIII. 644.
- KARIMON DJAWA, islands, Java, XIII. 600.
- KARKAR (Curzola), town, Dalmatia, VI. 728.

- KARKARALINSK, town, Asiatic Russia, XXI. 639.
- KARL, Teutonic freeman, XVII. 529.
- , or Carl, name. See Charles.
- FRIEDRICH, margrave of Baden, German economist, XIX. 363.
- KARLI, India, Cave temples of, II. 394.
- KARLJOHANSWÆRN (Horten), town, Norway, XII. 209.
- KARLSHAVEN (Carlshamn), town, Sweden, V. 112.
- KARLSRUHE (Carlsruhe), town, Baden, V. 112.
- KARLSTADT (Carlstadt), district, Bavaria, V. 113.
- KARLUKS, Turkish tribe, XXIII. 659.
- KARMAN, or Kirman, town, Persia, XVIII. 627, 628.
- KARMANIA (Kirman), province, Persia, XIV. 99.
- KARMANSHAH, or Kirmanshahan, town, Persia, XIV. 100; XVIII. 628.
- KARMATHIANS, or Karmathites, Mohammedan people, Arabia, II. 259, 722; XIV. 15; XVI. 586, 594.
- KARNAC, Egypt, Temple of, II. 390; VII. 777.
- KARNAL, district, India, XIV. 5; XX. 109; town, XIV. 5.
- KÄRNTEN, or Carinthia, crown-land, Austria, V. 106; XXII. 614.
- KARNUL, district and town, Madras, India, XIV. 5, 6.
- KARLOSTADT, or Carlstadt (A. R. Bodenstern), German Reformer, V. 113.
- KARONS, Papuan tribe, New Guinea, XVII. 388.
- KARPINSKI, Franciszek, Polish poet, XIX. 303.
- KARROO, plateau, Cape Colony, V. 42.
- KARS, town, Transcaucasia, Russia, XIV. 6; XXIII. 515; government, XXIII. 513.
- KARSCH, Anna Louisa, German poetess, X. 534.
- KARSHI, town, Central Asia, XIV. 6.
- KARSTEN, Karl J. B., on iron and steel, XIII. 282; his process of lead-smelting, XIV. 377.
- KARSTENITE, mineral, XVI. 400.
- KARTCHUM, town, Turkestan, XXIV. 728.
- KARTHLI LANGUAGE, Georgia, X. 433.
- KARTUM (Khartum), town, Egypt, XIV. 58; I. 267; XVII. 507, 610.
- KARUN, river, Persia, XV. 68; XVIII. 620; XXI. 849.
- KARWAR, town, India, XIV. 7.
- KARWARS, Papuan idols, New Guinea, XVII. 388.
- KARYOKINESIS, process in animal tissue-cells, XIX. 833.
- KASAKSTADT, town, Russia, XIX. 284.
- KASAN, or Kazan (*q.v.*), Russia, XIV. 20; observatory at, XVII. 714.
- KASANLIK, town, Roumelia, Turkey, XIV. 7.
- KASBIN, or Casbin, town, Persia, V. 174; XVIII. 627, 628.
- KASCHAU, town, Hungary, XIV. 7.
- KASEEM, valley, Arabia, II. 239.
- KASHAN (Cashan), town, Persia, V. 175; XVIII. 626.
- KASHBA BANIACHANG, town, India, XXII. 810.
- KASHGAR, town, Turkestan, XIV. 7; XXIII. 639.
- KASHI, glazed ornamentation of Oriental buildings, XIV. 8.
- KASHIN, town, Russia, XIV. 9; XXIII. 672.
- KASHIRA, town, Russia, XXIII. 605.
- KASHKAR, state, Hindu Kush, XIV. 9; XI. 838.
- KASHMIR, or Cashmere, Central Asia, valley and state, XIV. 9; XI. 823; dictionaries of language of, VII. 191; shawls of, XXI. 781.
- KASHNA (Katsena), town, Central Africa, XIV. 15; XXII. 279.
- KASHOUBISH LANGUAGE, Slav dialect, XXII. 151, 154.
- KASIDA, variety of Persian poetry, XVIII. 656; XXIII. 656.
- KASIKA VRITTI, Sanskrit commentaries, XXI. 292.
- KASIMBAZAR, town, India, XIV. 14.
- KASIMI, Persian writer, XVIII. 657.
- KASIMOFF, town, Russia, XIV. 14; XXI. 116.
- KASIMUKHIANS, Caucasian tribe, XIV. 475.
- KASIPUR, town, India, XXIII. 59.
- KÄSMARK, town, Hungary, XIV. 53.
- KASPLYA, river, Russia, XXII. 183.
- KASR, part of remains of Babylon, III. 182.
- AL-KEBIR, town, Morocco, XVI. 834.
- KASSAI, affluent of the Congo, Africa, XXIV. 764.
- KASSINA (Katsena), town, Central Africa, XIV. 15; XXII. 279.
- KASSOWITZ, M., his researches on rickets, XVIII. 374.
- KASTAMUNI, town, Asia Minor, XIV. 14; province, XXIII. 653.
- KASTENBEIN, Charles, his type-setting machine, XXIII. 701.
- KASTORIA, town, European Turkey, XIV. 14.
- KASTRO, town, Imbros, Ægean Archipelago, XII. 715.
- , town, Lemnos, Turkey, XIV. 436.
- , town, Siphanto, Greek Archipelago, XXII. 95.
- KASVIN (Casbin), town, Persia, V. 174; XVIII. 627, 628.
- KASZUBES, race, Russian Poland, XIX. 309.
- KAT, Egyptian weight, XXIV. 486.
- KATABOLISM, destructive processes in physiology, XIX. 13, 19, 22, 50; XXI. 724.
- KATAHDIN, mountain, Maine, U.S.A., XV. 298; XXIII. 792.
- KATAPHRYGIANS, early Christian sect, XVI. 775.
- KATAPLOUS, Lucian's dialogue, XV. 45.
- KATAR, pearl-fishery coast, Arabia, II. 254.
- KATASTATES, in physiology, XIX. 19.
- KATAV-IVANOVSK, town, Russia, XXIII. 717.
- KATCHUP (Ketchup), sauce, XIV. 54.
- KATER, Henry, English physicist, XIV. 14.
- KATHARINE. See Catherine.
- KATHIAWAR, district, India, XIV. 14.
- KATHMANDU (Khatmandu), town, Nepal, XIV. 59; XVII. 342.
- KATIF, town, Arabia, XIV. 15.
- KATORS, people, Kafiristan, Asia, XIII. 821.
- KATRINE, Loch, Scotland, XIV. 217; XVIII. 666; XXII. 553; aqueduct from, II. 224; water-works of, X. 642.
- KATSENA, town, Central Africa, XIV. 15; XXII. 279.
- KATTOWITZ, town, Prussia, XIV. 15.
- KATTY-KURGAN, town, Russian Turkestan, XXIV. 782.
- KATTYWAR (Kathiawar), district, India, XIV. 14.
- KATUNSKIYE BYELKI, mountains, Siberia, XXIII. 438.
- KATWA, town, Bengal, India, XIV. 15.
- KATYAYANA, Sanskrit grammarian, XXI. 292.
- KATZBACH, river, Prussian Silesia, XXII. 52; battle of the (1813), XVII. 220.
- KATZENKOPF, mountain, Würtemberg, XXIV. 699.
- KAUAI, island, Hawaiian group, XI. 532.
- KAUFBEUREN, town, Bavaria, XIV. 16.
- KAUFFMAN, Angelica, Swiss artist, XIV. 16.
- KAUFMANN PEAK, mountain, Turkestan, XXIII. 633.
- KAULBACH, Wilhelm von, German painter, XIV. 16.
- KAU-LUNG, suburb of Hong Kong, China, XII. 141.
- KAUMENES, islets, Thera, Greece, XXIII. 280.
- KAUNE (Kovno), town, Russia, XIV. 146.
- KAUNITZ, Wenzel Anton, Austrian statesman, XIV. 18; IX. 587.
- KAUP, Johann J., on birds, XVIII. 14, 15.
- KAURI, tree, of New Zealand, IX. 407; gum of, III. 67; XVII. 469.
- KAVA, intoxicating drink, of South Sea Islands, XIV. 18.
- KAVADH I., ruler of Persia, XVIII. 611.
- II., of Persia, XVIII. 615.
- KAVAHINE, crystalline principle in kava, XIV. 18.
- KAVALA, town, European Turkey, XIV. 18.

- KAVANAGH, Julia, Irish novelist, XIV. 19.
- KAVELE (Ujiji), town, Central Africa, XXIII. 719.
- KAVELIN, Constantine, Russian jurist, XXI. 108.
- KAVERI, or Cauvery, river, India, XIV. 19; XV. 184; XVII. 123; XXIII. 47.
- KAVIR, salt deserts, Persia, XIV. 66; XVIII. 621.
- KAWAR (Bilma), town, Central Africa, III. 678.
- KAWI, Java, Language and inscriptions of, XIII. 608.
- KAWIN, balsamic resin, XIV. 18.
- KAWRATI, island, Laccadives, Indian Ocean, XIV. 183.
- KAWS, American-Indian tribe, XII. 832.
- KAY, John, Scottish caricaturist, XIV. 19.
- , John, English watchmaker, associate of Arkwright, II. 541.
- KAYAK, Eskimo canoe, VIII. 545.
- KAYALPATNAM, town, India, XXIII. 405.
- KAYASTHS, race of people, India, XVIII. 72.
- KAYE (Caius), John, English physician, xv. 808; founder of Caius College, Cambridge, IV. 648.
- , Sir John William, historian of India, XIV. 19.
- KAYELI, kingdom, Celebes, v. 290.
- KAZA, Turkish administrative division, XXIII. 654.
- KAZAKS, Mongol tribes, XIV. 95; XVI. 749.
- KAZALA, town, Central Asia, XIV. 20.
- KAZALINSK (Kazala), town, Central Asia, XIV. 20; XXII. 820, 821.
- KAZAN, government, Russia, XIV. 20; XXI. 69.
- , town, Russia, XIV. 20; XXI. 70; observatory at, XVII. 714; university, XXIII. 852.
- KAZANLIK, department, Roumelia, XXI. 22.
- KAZAN TARTARS, XXIII. 70.
- KAZBEK, mountain, Caucasus, v. 252.
- KAZBIN (Casbin), town, Persia, v. 174.
- KAZ-DAGH, mountains, Asia Minor, II. 706.
- KAZIM, Mohammed, his description of Assam, II. 719.
- KAZIMIERZ (Casimir) I., king of Poland, XIX. 286.
- II., of Poland, XIX. 287.
- III., of Poland, XIX. 288.
- IV., of Poland, XIX. 289.
- KAZINCZY, Ferencz, Hungarian writer, XIV. 21; XII. 377.
- KAZVIN (Casbin), town, Persia, v. 174; XVIII. 627, 628.
- KAZWINI, Zachariah b. Mohammed al, Arabian geographer, x. 178.
- KEA, New Zealand parrot, XVII. 354.
- KEA-KING, emperor of China, v. 651.
- KEAN, Charles John, English actor, XIV. 21.
- , Edmund, English actor, XIV. 21; his cottage in Bute, IV. 580.
- , Moses, English pantomimist, XIV. 22.
- KEANG-NAN (Nanking), ancient town, China, XVII. 172.
- KEANG-NING, town, China, XVII. 171.
- KEANG-SE, province, China, v. 635.
- KEANG-SOO, province, China, v. 635.
- KEATS, John, English poet, XIV. 22.
- KEBARS, Papuan tribe, New Guinea, XVII. 388.
- KEBLE, John, English poet, XIV. 24; hymns by, XII. 595.
- COLLEGE, Oxford, XVIII. 97.
- KECHO, town, Tong-King, IV. 624; VI. 96.
- KECSKEMET, town, Hungary, XIV. 26.
- KEDABEK, Transcaucasia, Russia, Copper works at, XXIII. 514.
- KEDAH, district, Malay Peninsula, xv. 322.
- KEDARNATH, Temple of, Himalayas, XI. 835.
- KEEL, of a ship, XXI. 819.
- KEELING ISLANDS, Indian Ocean, XIV. 26; XXII. 586.
- KEENE, town, New Hampshire, U.S.A., XVII. 392.
- KEEN-LUNG, emperor of China, v. 650.
- KEEP, or Donjon, in architecture, II. 466.
- KEEVE, mining tub, XVI. 465.
- KEEWATIN, or Kewatin, district, North-West Territory, British America, XVII. 573.
- KEFF, or Kef, town, Tunis, XIV. 27; XXIII. 620.
- KEFFI ABD ES-SENGA, town, Sokoto, Africa, XXII. 279.
- KEFNEKAISE, mountain, Sweden, XXII. 736.
- KEHL, suburb of Strasburg, Germany, XXII. 589.
- KEIGHLEY, town, England, XIV. 27; population, XXIV. 748.
- KEI ISLANDS, Indian Archipelago, XIV. 27.
- KEILBERG, mountain, Germany, VIII. 533.
- KEILHAU, Germany, Educational establishment at, IX. 793.
- KEILHAUTE, mineral, XVI. 426.
- KEILL, James, Scottish physician, xv. 812; XXIV. 97.
- , John, on the invention of the calculus, XIII. 9.
- KEIM, Theodor, German theologian, XIV. 28; his Jesu von Nazara, XIII. 672.
- KEISER, Reinhard, German musician, XVII. 92.
- KEITH, Scottish family, earls marischal of Scotland, XIV. 28.
- , Francis Edward James, Prussian marshal, XIV. 28.
- KEITH, George, Quaker, friend of Penn, XVIII. 496.
- KEITUM, town, Schleswig, XXII. 810.
- KEJ, town, Baluchistan, XIV. 28.
- KELANI-GANGA, river, Ceylon, v. 360.
- KELANTAN, district, Malay Peninsula, xv. 322.
- KELIF-USBOI, valley, Transcasian Region, Russia, XXIII. 512.
- KELISMAN, town, Asia Minor, v. 818.
- KELLER, Gottfried, Swiss writer, XXII. 800.
- KELLERMANN, François Christophe, French marshal, XIV. 29.
- KELLETT, Sir Henry, Arctic explorer, XIX. 322.
- KELLGREN, Johan Henrik, Swedish poet and critic, XIV. 29; XXII. 756.
- KELLIE, Earl of, claimant of earldom of Mar, xv. 525.
- KELLS, town, Ireland, XIV. 29.
- , Book of, Irish MS., XVIII. 158.
- KELLY, Edward, astrologer, VII. 22.
- , Thomas, Irish hymn-writer, XII. 595.
- , William, his improvements in the cotton-spinning mule, VI. 497.
- , William, Plymouthist, XIX. 239.
- KELP, source of iodine, XIV. 29; I. 508.
- KELP-PIGEON, bird, XXI. 782.
- KELSO, town, Scotland, XIV. 30; XXI. 34.
- KELT, salmon, XXI. 225.
- KELTAI, or Celts, (*q.v.*), v. 297.
- KELVIN, river, Scotland, XXII. 553.
- KEM, name for Egypt, VII. 700.
- KEMAL BEY, Ottoman writer, XXIII. 657.
- KEMAL PASHA-ZADA, Turkish writer, XXIII. 656.
- KEMAMAN, district, Malay Archipelago, xv. 322.
- KEMBLE, Charles, English actor, XIV. 30.
- , John Mitchell, English scholar and historian, XIV. 30.
- , John Philip, English actor, XIV. 31.
- , Sarah (Mrs Siddons), English actress, XIV. 31; XXII. 32.
- KEMPELEN, Baron, his chess-playing automaton, xv. 210.
- KEMPIS, Thomas a, mediæval writer, XIV. 31; XI. 208; XVII. 134.
- KEMPLEY, Gloucestershire, England, Church at, XVII. 45.
- KEMPTEN, town, Bavaria, XIV. 33.
- KEN, Thomas, English non-juring bishop, XIV. 33; hymns by, XII. 592.
- KENDAL, town, England, XIV. 34; XXIV. 515, 516.
- KENDI, Arab Christian apologist, XXII. 848.
- KENDRAPARA, town, India, XVII. 845.
- KENDREW, John, inventor of flax-spinning apparatus, XIV. 664.
- KENEH, or Kine, town, Egypt, VII. 776.

- KENELM CHILLINGLY, Lytton's novel, xv. 123.
- KENIA, mountain, Africa, I. 250; discovered by Krapf, I. 246, 250.
- KENILWORTH, town, England, xiv. 35.
- KENITES, people, south of Palestine, xviii. 175.
- KENMARE, river, Ireland, xiv. 51.
- KENNEBEC, river, Maine, U.S.A., xv. 298.
- KENNEDIE, Walter, early Scottish writer, xxi. 541.
- KENNEDY, James, Scottish bishop and statesman, xxi. 494.
- , John Pendleton, American essayist, I. 723.
- , Quintine, Knox's dispute with, xiv. 132.
- , Thomas Francis, Scottish politician, xiv. 35.
- , William, Arctic explorer, xix. 321.
- KENNET, river, England, xxiii. 220; xxiv. 594.
- , White, bishop of Peterborough, xiv. 35.
- AVENUE, Avebury, Wilts, England, iii. 144.
- KENNETH I., Macalpine, king of Scotland, xxi. 477.
- II., of Scotland, xxi. 479.
- KENNICOTT, Benjamin, English Hebraist, xiv. 36.
- KENOSHA, town, Wisconsin, U.S.A., xiv. 36.
- KENSINGTON, part of London, xiv. 36, 822.
- GARDENS, London, xiv. 824.
- KENT, county, England, xiv. 36; population and representation, xxiii. 727; dialect of, viii. 391; hop-growing in, iv. 272; breed of sheep, I. 392.
- , James, American jurist, xiv. 40.
- , William, English artist and landscape gardener, xiv. 40.
- KENTIGERN, St, Celtic missionary, xiv. 40; xxi. 474.
- KENTISH DIALECT, viii. 391.
- KENTISH PLOVER, bird, xiv. 76.
- KENTS, breed of sheep, I. 392.
- KENT'S HOLE, cave, Devonshire, England, II. 115; v. 267; vii. 140.
- KENTUCKY, State, U.S.A., xiv. 41; population, xxiii. 802; caves of, v. 266; xv. 448; mule-breeding in, xvii. 14.
- KENYON, Lord, English chief-justice, xiv. 45.
- KEOKUK, town, Iowa, U.S.A., xiv. 45.
- KEPHALOS, villages, Paros, Greece, xviii. 319.
- KEPLER, Johann, German astronomer, xiv. 45; II. 752; on astrology, II. 743; on infinites in geometry, xiii. 5; his laws of planetary motion, II. 779; xv. 708; xvii. 441; on Napier's logarithms, xvii. 182; on the lunar theory, xvi. 800; his telescope, xxiii. 136; on the tides, xxiii. 355.
- KEPPEL, province, North Borneo, xxi. 123.
- KERAITS, Mongol tribe, xvi. 743, 744.
- KERAK, town, Syria, xiv. 48; site of, x. 30.
- KERAS, Greek trumpet, xxiii. 593.
- KERATITIS, eye disease, xvii. 780.
- KERAULOPHON, organ pipe, xvii. 832.
- KERBELA, town, Asiatic Turkey, xiv. 48; pilgrimages to, xix. 93; battle of (680), xvi. 568; district, xvi. 52.
- KERBING, of footways, xx. 588.
- KERBOGA, prince of Mosul, vi. 626.
- KERELI GÖL, lake, Asia Minor, II. 709; xiii. 384.
- KERENSK, town, Russia, xviii. 515.
- KERESZTES, Hungary, Battle of (1596), xxiii. 644.
- KERGONAN, France, Cromlech at, xxi. 51.
- KERGUELEN'S LAND, island, Southern Ocean, xiv. 48; discovery of, xix. 329.
- KERIVOULA, genus of bats, xv. 411.
- KERKHAH, river, Persia, xv. 68.
- KERKUK, or Kerkook, town, Asiatic Turkey, xiv. 49.
- KERKYRA (Corcyra), ancient town, Greece, vi. 396.
- KERL, Johann Caspar, German musician, xvii. 90.
- KERLESCANT, ancient monuments, Carnac, France, v. 118; xxi. 51.
- KERMAN (Kirman), province, Persia, xiv. 99; xxi. 635.
- KERMANJI, Kurdish language, xiv. 157.
- KERMANS SHAH, town and district, Persia, xiv. 100; xviii. 628.
- KERMARIO, ancient monuments, Carnac, France, v. 118; xxi. 51.
- KERMES, insect and crimson dye from it, xiv. 49.
- KERMESITE, mineral, xvi. 396.
- KERNER, Anton, on Alpine plants, I. 634.
- , Justinus Andreas, German writer, xiv. 50.
- KERNS, town, Switzerland, xxiii. 858.
- KEROUAN (Kairwan), town, Tunis, xiii. 824.
- KEROWLY (Karauli), state, India, xiv. 4; xx. 260; town, xiv. 4.
- KERRY, county, Ireland, xiv. 50; population and representation, xxiii. 727.
- KERSAL MOOR, near Manchester, England, xv. 459.
- KERTCH, town, Russia, xiv. 52; vi. 586.
- KESAB CHANDRA SEN, Brahman reformer, iv. 201.
- KESAV-DAS, Hindi writer, xi. 846.
- KESMARK, town, Hungary, xiv. 53.
- KESSELKOPPE, mountain, Germany, xx. 552.
- KESSLER, K., on birds, xviii. 27.
- KESTEVEN, division of Lincolnshire, England, xiv. 655.
- KESTREL, bird, xiv. 53.
- KESWICK, town, England, xiv. 54.
- KESZTHELY, town, Hungary, xiv. 54.
- KETANS, Manchu tribe, xv. 467.
- KETCHUP, sauce, xiv. 54.
- KETI, town, India, xiv. 54.
- KETILMUNDSSON, Mats, Swedish regent, xxii. 746.
- KETMIA (Gumbo), plant, xi. 276.
- KETONES, organic compounds, in chemistry, v. 568.
- KETTERING, town, England, xiv. 54; xvii. 556.
- KETTLED RUM, musical instrument, vii. 479.
- KETTLE FALLS, Columbia river, U.S.A., xxiv. 386.
- KETUBIM, part of the Hebrew canon, III. 635.
- KETURAH, of Scripture, xxiv. 738.
- KEUNJHAR, or Keunjur, state, India, xiv. 54.
- KEUNTHAL, state, India, xiv. 54.
- KEW, town, England, xiv. 55; herb-arium at, xi. 716; observatory at, xvii. 710.
- GARDENS, near London, xi. 716; under Aiton's superintendence, I. 431; under Hooker's, xii. 153.
- KEW-KEANG FOO, town, China, xiv. 55; v. 636.
- KEY, for lock, xiv. 744.
- , Francis Scott, American poet, I. 722.
- , Lough, Ireland, xx. 850.
- KEYA PAHA, river, Nebraska, U.S.A., xvii. 307.
- KEYBOARD, of musical instrument, xix. 65.
- KEYE, John, founder of Caius College, Cambridge, iv. 648; xv. 808.
- KEYHAM, Dockyard at, England, vii. 315, 318.
- KEYS, rocky islets, Florida, U.S.A., ix. 338.
- , for fastening rails, xx. 241.
- , House of, Isle of Man, xv. 452.
- KEYSER, J. R., Norwegian historian, xvii. 592.
- , Thomas de, Dutch painter, xx. 374.
- KEYSERLING, Alexander, on birds, xviii. 26.
- KEY-STONE, in architecture, II. 466.
- KEY WEST, island and town, Florida, U.S.A., xiv. 55.
- KEZANLYK (Kasanlik), town, Roumelia, Turkey, xiv. 7.
- KHABAROVKA, town, Siberia, Russia, xiv. 56; xv. 548, 549.
- KHABUR (Chaboras), affluent of Euphrates, viii. 669; xvi. 47.
- KHADAR, district, India, xxii. 98.
- KHADIJA, wife of Mohammed, xvi. 546. XXV. — 31

- KHAFRA, or Chephren, king of Egypt, v. 582; vii. 733; pyramid of, xx. 123.
- KHAGASSES, people, Siberia, xxii. 11.
- KHAGAUL, town, India, xviii. 409.
- KHAIBAR, Arabia, Mohammed's attack upon (628), xvi. 557.
- KHAIRABAD, town, India, xiv. 56; xviii. 72; xxii. 102.
- KHAIRAGARH, state, Central Provinces, India, xx. 257.
- KHAIRIGARH, district, Oudh, India, xviii. 71.
- KHAIRPUR, town, India, xiv. 56.
- KHAIZORAN, mother of Haroun al Raschid, xvi. 581.
- KHAJUNA LANGUAGE, on upper Indus, x. 598.
- KHAKANI, Persian writer, xviii. 658.
- KHALDOUN, Ibn, Arabic writer, xii. 609; xxiii. 5.
- KHALID, Bani, Arab tribes, xvii. 773.
- BEN AL-WALID, Moslem leader, xvi. 562.
- KHALIFA (Caliph), Mohammedan sovereign, iv. 706; xvi. 589, 591; xxii. 661.
- KHALIFAH, Hajji, Arabic writer, xi. 377.
- KHALIFATE (Caliphate), The Eastern, xvi. 565.
- KHALIL, shah of Persia, xviii. 632.
- , El, or Hebron, Palestine, xi. 608.
- KHALKHAS, Mongol tribes, xvi. 744, 749.
- KHALKI, one of Princes Islands, Sea of Marmora, xix. 742.
- KHALIKAN, Ibn, Arabic writer, xii. 609; xxiii. 5.
- KHAM, region, Tibet, xxiii. 339.
- KHAMAR-DABAN, mountain, Siberia, xxii. 3; xxiii. 509.
- KHAMGAON, town, India, xiv. 56.
- KHAMIS BAR KADAHE, Syriac hymn-writer, xxii. 855.
- KHAMMURAGAS, dynasty of Babylon, iii. 185.
- KHAMSAH, district, Persia, xviii. 627.
- KHAMTI, Shan language, xxi. 774.
- KHAN, Eastern inn, v. 85.
- , or Kaa, title, its application, xiv. 150.
- KHANDESH, district, India, xiv. 56.
- KHANDLA, town, India, xvii. 114.
- KHANDPARA, state, India, xiv. 57; town, xvii. 845.
- KHANDS, race, India, xv. 185.
- KHANDWA, town, India, xiv. 57; xvii. 509.
- KHANGKA, lake, Siberia, xxii. 5.
- KHANIA (Canea), town, Crete, iv. 806; vi. 572.
- KHAN-TENGRI, mountain, Turkestan, xxiii. 633.
- KHARAYOK, river, Siam, xxi. 850.
- KHAREZM (Khwarizm, *q.v.*), ancient kingdom, Turkestan, xiv. 62.
- KHARGEH, or Kharija, oasis, Africa, xvii. 695.
- KHARIJITES, Moslem dissenters, xvi. 560, 564, 569, 571, 592.
- KHARIMKOTAN, island, Kuriles, Asia, xiv. 160.
- KHARIZMI, Al, on numerals, xvii. 626.
- KHARIZMIANS, their invasion of the Holy Land, xxiii. 162.
- KHARIZM SHAHS, Empire of the, xxiii. 660. See Khwarizm.
- KHARKOFF, government, Russia, xiv. 57; xxi. 69.
- , town, Russia, xiv. 57; xxi. 70; university of, xxiii. 852.
- KHARPUT, town, Armenia, xiv. 57.
- KHARTUM, or Khartoum, town, Egypt, xiv. 58; i. 267; xvii. 507, 610.
- KHAS, aboriginal race, Indo-Chinese Peninsula, xiv. 294.
- KHASH-RUD, river, Afghanistan, i. 229.
- KHASI AND JAINTIA HILLS, district, India, xiv. 58; heavy rainfall in, ii. 691.
- KHASSIA LANGUAGE, Dictionary of, vii. 191.
- KHATIB, Mohammedan preacher, xxii. 662.
- KHATMANDU, town, Nepal, xiv. 59; xvii. 342.
- KHAUSAR, river, Nineveh, xvii. 512.
- KHAYAL, Mohammed Taki, Persian writer, xviii. 657.
- KHAYYAM, Omar b. Ibrahim al, Persian mathematician, xvii. 771; xviii. 658.
- KHAZAEI, tribe, Mesopotamia, xvi. 52.
- KHAZARASP, town, Khiva oasis, Asia, xiv. 64.
- KHAZARIA, ancient territory, south-eastern Russia, xiv. 59.
- KHAZARS, ancient people, Caucasus, xiv. 59; xxi. 78.
- KHAZNA, ruin, at Petra, Syria, xviii. 705.
- KHEDIVE, title of sovereign of Egypt, vii. 766, 784.
- KHELAT, town, Baluchistan, xiv. 61; iii. 302.
- KHEMNITZER, Ivan, Russian fabulist, xxi. 106.
- KHERASKOFF, Michael, Russian poet, xxi. 106.
- KHERI, district, India, xiv. 61.
- KHERSON, government, Russia, xiv. 61; xxi. 69; town, xiv. 62.
- KHERWA, town, Bornu, Africa, xiv. 153.
- KHIAO, chief ruler of the Laos, Indo-Chinese Peninsula, xiv. 294.
- KHIMARA, mountains, Albania, i. 447.
- KHINALUGH, Caucasian tribe, xiv. 475.
- KHING-AB, affluent of the Oxus, Central Asia, xviii. 103.
- KHINGAN MOUNTAINS, Siberia, xxii. 3; xxiii. 510.
- KHIVA, khanate, Turkestan, xiv. 62; town, xiv. 65; xviii. 101.
- KHMELNIK, town, Russia, xix. 254.
- KHMER, people, Cambodia, iv. 725.
- KHNUM, Egyptian deity, i. 740; vii. 718.
- KHO, tribe, Hindn Kush, xiv. 9.
- KHOI, town and district, Persia, xiv. 65; xviii. 626.
- KHOI-KHOIN, South-African race, xii. 309.
- KHOJAH DYNASTY, Kashgar, Central Asia, xiv. 8.
- KHOJEND, town, Turkestan, xiv. 65; xxii. 821.
- KHOKAND, town, Turkestan, xiv. 65; ix. 85; xviii. 101.
- KHOLUI, village, Russia, xxiv. 271.
- KHONGS, race of people, Siam, xxi. 852.
- KHONI, town, Transcaucasia, Russia, xxiii. 514.
- KHONS (Chons), Egyptian deity, v. 685.
- KHONSAR, town, Persia, xiv. 66.
- KHOPE, river, Russia, xxi. 74.
- KHORAIZA, Arab tribe, xvi. 556.
- KHORAMABAD, town, Persia, xiv. 66.
- KHORASAN, or Khorassan, province, Persia, xiv. 66; i. 228; xvi. 44; xviii. 626; insurrection in, xviii. 651; great salt desert of, xviii. 621.
- , Veiled Prophet of (Al-Mokanna), xvi. 44, 580, 608.
- KHOR NOWARAT, bay, Red Sea, xx. 316.
- KHOROL, town, Russia, xix. 410.
- KHORSABAD, ruins of Nineveh, ii. 398; xvii. 512.
- KHORSUM, region, Tibet, xxiii. 340.
- KHOSHOTS, or Khoshod, tribe of Mongols, iv. 710; xvi. 744, 749.
- KHOSRAU, or Chosroes, I., king of Persia, xviii. 612.
- II., of Persia, xviii. 614; capture of Jerusalem by, vi. 622.
- , Amir, Persian poet, xviii. 659.
- , Nasir b., Persian poet, xvii. 237; xviii. 658.
- AND SHIRIN, poem of Nizami, xvii. 522.
- KHOTAN, town and district, Turkestan, xiv. 67; xxiii. 639; xxiv. 728.
- KHOTEEN (Khotin), town, Russia, xiv. 67.
- KHOTES, Mahratta landed proprietors, India, xv. 290.
- KHOTIN, town, Russia, xiv. 67.
- KHOWARIJ, Arab sect, ii. 250.
- KHRI-SRONG LDEU-BTSAN, Tibetan king, xiv. 229; xxiii. 345.
- KHUAREZM (Khwarizm, *q.v.*), kingdom, xiii. 621.
- KHUDABANDA, Muhammad, shah of Persia, xviii. 637.
- KHUFU (Cheops), king of Egypt, v. 582; vii. 732; pyramid of, xx. 123.
- KHULM, province and river, Afghanistan, i. 242.
- KHULNA, town, India, xiv. 67.
- KHUNS (Chons), Egyptian divinity, v. 685; vii. 718.

- KHURASAN (Khorasan, *q.v.*), province, Persia, XIV. 66; XVIII. 621, 626, 651.
 KHURJA, town, India, XIV. 68.
 KHURSHEED, pasha, Egypt, VII. 761.
 KHURUSTABAD, ruins of Nineveh, XVII. 512.
 KHUSHAB, town, India, XIV. 68.
 KHUZISTAN, province, Persia, XIV. 68.
 KHVATYNSK, town, Russia, XXI. 305.
 KHWAJA KIDHR, island, Sind, India, XXII. 90.
 KHWALISSES, or Khazars, XIV. 59.
 KHWARIZM, ancient kingdom (empire of the Khwarizm shahs), Asia, XIV. 62; XIII. 621; XVI. 740; XVIII. 101; XXIII. 162, 660.
 KHWASA, town, India, XXI. 665.
 KHYBAR PASS, Afghanistan, I. 240; district of Punjab, XX. 109.
 KHYRABAD (Khairabad), town, India, XIV. 56; XVIII. 72; XXII. 102.
 KHYRPOOR (Khairpur), town, India, XIV. 56.
 KIACHTA, or Kiakhta, town, Siberia, XIV. 68; XXIII. 511; XXIV. 11.
 KIANG-HAI, town, Siam, XXI. 853.
 KIANG HUNG, Shan state, Burmah, XXI. 773.
 KIANG TUNG, Shan state, Burmah, XXI. 773.
 KIARING, lake, Tibet, XXIII. 339.
 KIAT, town, Khiva oasis, Asia, XIV. 64.
 KICKELHAHN, mountain, Germany, XXI. 349.
 KID, Skins of, for tanning, XIV. 380, 389; for gloves, X. 692.
 KIDD, Captain William, English adventurer, XXII. 257.
 KIDDAW, bird, XI. 262.
 KIDDERMINSTER, town, England, XIV. 68; Baxter's work of reformation in, III. 455; carpets of, V. 129.
 KIDJANG, or Kidang, deer, XVII. 32; XIII. 602.
 KIDNAPPING, in law, XIV. 69.
 KIDNEY-BEAN, vegetable, XII. 283.
 KIDNEYS, their functions, XVII. 683; diseases of, XVIII. 386; Bright's disease, IV. 345; surgery of, XXII. 691; of mammals, XV. 366.
 KIDRON, brook, Jerusalem, XIII. 636.
 KIEFER, tree, XIX. 103.
 KIEFF, government, Russia, XIV. 69; XXI. 69; principality, XXI. 89.
 —, town, Russia, XIV. 69; XXI. 70; observatory at, XVII. 714; pilgrimages to, XIX. 95; university of, XXIII. 852.
 KIEFT, William, director, New Netherland, America, XVII. 454.
 KIEL, town, Schleswig-Holstein, Prussia, XIV. 71; XXI. 415; observatory at, XVII. 712; university, XXIII. 850.
 KIELCE, town, Russian Poland, XIV. 71; government, XIX. 309.
 KIELLAND, Alexander, Norwegian novelist, XVII. 592.
 KIER, bleaching apparatus, III. 813.
 KIERKEGAARD, Sören, Danish philosopher, XIV. 72; VII. 93.
 KIESELGUHR, absorbent of nitroglycerin, VII. 583; XVII. 521.
 KIESERITE, mineral, XV. 217; XVI. 401; XIX. 588.
 KIESERLE, mountain, Germany, XXI. 348.
 KIEV (Kieff, *q.v.*), town, Russia, XIV. 69.
 KILAUEA, volcano, Hawaii, X. 243; XI. 531.
 KILBRICKENITE, mineral, XVI. 395.
 KILCREA ABBEY, Cork, Ireland, VI. 405.
 KILCULLEN, Ireland, Round tower of, XXI. 22.
 KILDARE, county, Ireland, XIV. 72; population and representation, XXIII. 727; town, XIV. 73.
 —, Earls of, XIII. 260, 261.
 KILDRUMMY CASTLE, Aberdeenshire, Scotland, I. 45; defence of (1335), XV. 524.
 KILHAM, Alexander, Wesleyan sectary, XVI. 189.
 KILIA, town, Roumania, XIV. 73.
 KILIAN, St, apostle of Franconia, XIV. 73.
 KILIG ARSLAN, Seljuk prince, XXI. 636.
 KILIMANE (Quilimane), town, East Africa, XX. 180; XVII. 7.
 KILIMANJARO, mountain, East Africa, XIV. 73; I. 250.
 KILIS (Killiz), town, Syria, XIV. 76.
 KILKENNY, county, Ireland, XIV. 74; population and representation, XXIII. 727; coal, II. 106.
 —, town, Ireland, XIV. 75; statute of (1366), XIII. 259.
 KILLARNEY, town, Ireland, XIV. 75.
 —, Lakes of, Ireland, XIII. 216; XIV. 51, 76.
 KILLDEER, bird, XIV. 76; XIX. 228.
 KILLIECRANKIE, Scotland, Battle of (1689), VII. 539; XXI. 517.
 KILLING TIMES, Scotland, XXI. 517.
 KILLINGTON, mountain, Vermont, U.S.A., XXIII. 792.
 KILLINGWORTH, George, his beard, III. 464.
 — RAILWAY, England, XX. 224.
 KILIN HILL, cromlech, Ireland, XV. 25.
 KILLINITE, mineral, XVI. 416, 425.
 KILLIZ, town, Syria, XIV. 76.
 KILMARNOCK, town, Scotland, XIV. 76.
 KILMENY, Hogg's fairy tale, XII. 51.
 KILNS, IX. 840; for brickmaking, IV. 283; for smelting iron ores, XIII. 291; maltsters', IV. 269; for baking pottery, XIX. 602, 619, 638, 643.
 KILOGRAMME, standard of weight, XXIV. 480, 490.
 KILSYTH, town, Scotland, XIV. 77; XXII. 554; battle of (1645), XVI. 796.
 KILT, part of dress, of Scottish Highlanders, V. 801; VI. 478; of early Irish, XIII. 257.
 KILTAN, island, Laccadives, Indian Ocean, XIV. 183.
 KILWINNING, town, Scotland, XIV. 77.
 KIMA, New Guinea mussel, XVII. 389.
 KIMBERLEY, town, South Africa, XIV. 77; XI. 204.
 —, district, Western Australia, XXIV. 507.
 KIMERIDGE CLAY, in geology, IV. 728; X. 356.
 KIMHI, or Kimchi, Rabbi David, Jewish grammarian, XIV. 77.
 KIMPULUNG, town, Roumania, XIV. 78.
 KI-MVITA, language, East Africa, XXII. 729.
 KIN, Next of, in law, XIII. 198.
 —, dynasty of China, V. 647.
 KINABALU, mountain, North Borneo, IV. 56; XXI. 123.
 KINABATANGAN, river, North Borneo, XXI. 123.
 KINCARDINE, county, Scotland, XIV. 78; area and population, XXI. 528; representation, XXIII. 727.
 KINCHINJINGA, or Kinchinjunga, mountain, Himalayas, XI. 825; XVII. 340.
 KIN-CHOW FOO, town, China, V. 641.
 KINDEH, kingdom, Arabia, II. 255.
 KINDERGARTEN, educational institution, XIV. 79; VII. 678; IX. 793.
 KINDRED, or Consanguinity, VI. 291; IX. 18; personal names based on, XVII. 169; in totem tribes, XXIII. 472.
 KINE, town, Egypt, VII. 776.
 KINEMATICS, branch of dynamics, VII. 582; XV. 678; XIX. 2; of fluids, XII. 461; diagrams in, VII. 149.
 KINETIC ENERGY, VIII. 206.
 KINETICS, branch of dynamics, XIX. 2.
 KINETIC THEORY, of diffusion of gases, VII. 215.
 KINETON, town, England, XXIV. 379.
 KING, title, XXIII. 417; relations of, to nobility, XVII. 530; prerogatives of, XIX. 673; ancient Roman, XX. 732.
 —, Edward, friend of Milton, XVI. 326.
 —, Philip Parker, Australian explorer, III. 104; XXIV. 509.
 —, Rufus, United States politician, XXIII. 748.
 —, W., on brachiopods, IV. 189.
 —, William, archbishop of Dublin, XIV. 80.
 — ARTHUR'S ROUND TABLE, Westmorland, England, XXIV. 516.
 KING-BIRD, XIV. 80.
 KING CHARLES LAND, island, Spitzbergen, XXII. 408.
 KING CHARLES'S SOUTH LAND, island, Tierra del Fuego, XXIII. 384.
 KING-CHOW FOO, town, Manchuria, XV. 466.
 KING-CRAB, crustacean, VI. 662.

- KING-FISH, XXIV. 738.
 KINGFISHER, bird, XIV. 81.
 KING GEORGE'S SOUND, Western Australia, XXIV. 507.
 KING HART, Gawain Douglas's poem, VII. 377.
 KINGHORN, town, Scotland, I. 491; IX. 152.
 KING HORN, early English romance, VIII. 410; XX. 658.
 KING LEAR, Shakespeare's play, XXI. 764.
 KINGLET, bird, XIV. 82.
 KINGO, Thomas, Danish poet and hymn-writer, VII. 90.
 KI-NGOZI, language, Africa, XXII. 729.
 KINGS, First and Second Books of, XIV. 83.
 KINGSBOROUGH, Lord, on Mexican antiquities, II. 450; XVI. 206.
 KINGSBRIDGE, suburb of New York, XVII. 458.
 KING'S COLLEGE, Aberdeen, Scotland, I. 43.
 KING'S COLLEGE, Cambridge, IV. 730.
 KING'S COLLEGE, London, XXIII. 854.
 KING'S COUNTY, Ireland, XIV. 86; population and representation, XXIII. 727.
 KING'S EVIL, disease, XXI. 554.
 KINGSHIP, in early England, VIII. 273, 281.
 KINGS' HOWS, barrow, Upsala, Sweden, III. 398.
 KING'S INNS, legal school, Dublin, XIII. 90.
 KINGSLEY, Charles, English poet and novelist, XIV. 88; on Christian socialism, XXII. 210.
 KING'S LYNN, town, England, XV. 109; XVII. 536.
 KING'S MOUNTAIN, Sligo, Ireland, XXII. 159.
 KING'S QUHAIR (or QUAIR), poem by James I. of Scotland, VIII. 413; XIII. 566; XXI. 540.
 KINGSTON, town, Ontario, Canada, XIV. 89; XVII. 775.
 —, town, Jamaica, XIII. 550.
 —, town, New York, U.S.A., XIV. 89.
 —, W. H. Giles, English writer of boys' stories, XIV. 90.
 KINGSTON-ON-THAMES, town, England, XIV. 89; XXII. 694.
 KINGSTON-UPON-HULL, town, England, XII. 340.
 KINGSTOWN, town, Ireland, XIV. 90; VII. 494.
 —, town, St Vincent, West Indies, XXI. 201.
 KING-TIH CHIN, town, China, XIV. 90.
 KING WILLIAM'S TOWN, Cape Colony, XIII. 817.
 KINI-BALU, or Kinabalu, mountain and lake, Borneo, IV. 56; XXI. 123.
 KINKAJOU, carnivorous mammal, XV. 441.
- KIN-LING (Nanking), ancient town, China, XVII. 171.
 KINMONT WILLIE, his rescue from Carlisle Castle, V. 109.
 KINNEIL HOUSE, Linlithgowshire, Scotland, XIV. 670.
 KINO, drug, XIV. 90, 382; tree, VIII. 650.
 KINROSS, county, Scotland, XIV. 91; area and population, XXI. 528; representation, XXIII. 727; town, XIV. 92.
 KINSALE, town, Ireland, XIV. 92; fisheries at, VI. 403; IX. 264.
 KIN-SHA-KIANG (Di-chu), river, Tibet, XXIII. 339.
 KIÖBENHAVN (Copenhagen, *q.v.*), capital of Denmark, VI. 343.
 KIOTO, town, Japan, XIV. 92; XIII. 577.
 KIWAS, American-Indian tribe, XII. 832.
 KIPCHAKS, Mongol tribes, XVI. 746, 747; XXIII. 660, 661.
 KIPPIS, Andrew, English writer, XIV. 93.
 KIPPURE, mountains, Ireland, VII. 495; XXIV. 557.
 KIPS, skins for tanning, XIV. 380, 386.
 KIR, branch of Nile, Africa, XVII. 506, 508.
 KIRATIS, country, Nepal, XVII. 340.
 KIRBY, William, English entomologist, XIV. 93.
 KIRCHER, Athanasius, German scholar and mathematician, XIV. 93; inventor of magic lantern, XV. 211; on whirlpools, XXIV. 541.
 KIRCHHEIM - UNTER - TECK, town, Württemberg, XIV. 94.
 KIRCHHOFF, Gustav R., on radiation, XX. 215.
 —, Johann W. A., on the Greek alphabet, I. 610.
 KIRGHIZ, Tartar tribes, XIV. 94; XXII. 819, 820; XXIII. 636.
 KIR-HARESETH (Kerak), town, Syria, XIV. 48.
 KIRIA, town, Turkestan, XIV. 67; XXIII. 639.
 KIRIGALPOTA, mountain, Ceylon, V. 359.
 KIRIN, town, Manchuria, XIV. 96; XV. 466; province, XV. 466.
 KIRJATH ARBA, or Hebron, town, Palestine, XI. 608.
 KIRK, Prof., on New Zealand timbers, XVII. 469.
 KIRKALDY, of Grange, Scottish statesman, XXI. 502.
 KIRKBY, John, Gibbon's tutor, X. 573.
 — KENDAL, or Kendal, town, England, XIV. 34; XXIV. 515, 516.
 — LONSDALE, town, England, XXIV. 515, 516.
 KIRKCALDY, town, Scotland, XIV. 96.
 KIRKCUDBRIGHT, county, Scotland, XIV. 97; area and population, XXI. 528; representation, XXIII. 727.
 —, town, Scotland, XIV. 98.
- KIRKE, Edward, friend of Edmund Spenser, XXII. 393.
 KIRKI, or Kirkee, town, India, XIV. 99.
 KIRKINTILLOCH, town, Scotland, XIV. 99.
 KIRK-KILISSIA, town, European Turkey, XIV. 99.
 KIRK LAR, monument, Daghestan, Caucasus, VII. 105.
 KIRKSTALL ABBEY, Yorkshire, England, I. 18; XXIV. 749.
 KIRKWALL, town, Orkney, Scotland, XIV. 99; XVII. 848.
 KIRMAN, province, Persia, XIV. 99; XXI. 635; town, XVIII. 627, 628.
 — SHAH (Bahram IV.), king of Persia, XVIII. 610.
 KIRMANSHAHAN, Kermanshah, or Karmanshah, town and district, Persia, XIV. 100; XVIII. 628.
 KIR-MOAB, town, Syria, XIV. 48.
 KIRRIEMUIR, town, Scotland, XIV. 100.
 KIRSANOFF, town, Russia, XIV. 100; XXIII. 41.
 KIRSCHWASSER, liqueur, V. 586.
 KIR SONG DE TSAN (Khri-srong ldeu-btsan), king of Tibet, XIV. 229; XXIV. 345.
 KIRTLAND, Ohio, U.S.A., first Mormon settlement, XVI. 826.
 KIRWAN (Kairwan), town, Tunis, XIII. 824; XVI. 865; XXIII. 620.
 KIRWANITE, mineral, XVI. 415.
 KIRZHATCH, town, Russia, XXIV. 271.
 KIS, John, Hungarian writer, XII. 377.
 KISFALUDY, Karoly, Hungarian poet, XIV. 100; XII. 377.
 —, Sandor, Hungarian poet, XIV. 101; XII. 377.
 KISH, of Scripture, XXI. 322.
 —, island, Persian Gulf, XIV. 101.
 KISHANGANGA, river, India, XIV. 10.
 KISHANGARH, Kishengurh, or Krishnagarh, state, India, XIV. 101; XX. 260.
 KISHICOQUILIS, valley, Pennsylvania, U.S.A., XVIII. 499.
 KISHI-KASHI, town, Zanzibar, Africa, XXIV. 768.
 KISHINEFF, or Kishlanow, town, Moldavia, XIV. 101; XXI. 70.
 KISHM, island, Persian Gulf, XIV. 102.
 KISHR, husk of coffee berry, II. 238.
 KIS-MARTON (Eisenstadt), town, Hungary, VII. 790.
 KISO-GAWA, river, Japan, XIII. 572.
 KISS, form of greeting, XXI. 236.
 —, Augustus, German sculptor, XXI. 566.
 KISSINGEN, town, Bavaria, XIV. 102; artesian well at, II. 645; mineral water of, XVI. 434.
 KISSY, town, Sierra Leone, West Africa, XXII. 45.
 KISTNA, district, India, XIV. 102.
 —, river, India, XIV. 103; XV. 184.

- KITAY-GOROD, quarter of Moscow, Russia, XVI. 867.
- KIT-CAT CLUB, London, XIV. 103.
- KITCHEN-MIDDENS, prehistoric shell-heaps, II. 116.
- KITE, bird, XIV. 103.
- KIT'S COITY (or COTTY) HOUSE, cromlech, Kent, England, III. 162; XXI. 52.
- KITTATINNY MOUNTAINS, New Jersey, U.S.A., XVII. 396; valley, XXIII. 793, 794.
- KITTIGALIS, tribe, Kafiristan, Asia, XIII. 822.
- KITTITASS, district, Washington Territory, U.S.A., XXIV. 386.
- KITTIWAKE, bird, XI. 274.
- KITTLITZ, Friedrich H., on birds, XVIII. 13.
- KITTO, John, English Biblical writer, XIV. 104.
- KITZINGEN, town, Bavaria, XIV. 104.
- KIUNG-CHOW FOO (Hainan), island, China, XI. 374; town, XI. 375.
- KIUPRILI (Köprili), town, Turkey in Europe, XIV. 140.
- KIUSHIU, island, Japan, XIII. 569.
- KIUTAHIA, town, Asia Minor, XIV. 162.
- KIWI, bird, XIV. 104; XVII. 469.
- KI-YUEN, town, Manchuria, XV. 466.
- KIZIL AGATCH, gulf, Caspian Sea, V. 177.
- KIZIL ARSLAN, Persian prince, XVII. 522.
- KIZIL ARVAT, town, Transcaspian Region, Russia, XVI. 42; XXIII. 512.
- KIZILBASHES, Persianized Turks, in Afghanistan, I. 235; in Khiva, XIV. 64; in Central Asia, XXIII. 661.
- KIZIL IRMAK, river, Asia Minor, II. 707.
- KIZIL-KUM, district, Syr-Daria, Asia, XXII. 820.
- KIZIL-SU, river, Turkestan, XXIII. 633.
- KIZIL UEZEN (or UZAIN), river, Persia, XIII. 213; XVIII. 620.
- KIZIL-YART, mountains, Central Asia, XVIII. 103.
- KIZLIAR, or Kizlar, town, Russia, XIV. 106; XXIII. 186.
- KJÆMPEVISER, Danish ballads, VII. 90.
- KJÖLEN MOUNTAINS, Norway, XVII. 575.
- KLADNO, town, Bohemia, XIV. 106.
- KLAGENFURT, town, Austria, XIV. 106.
- KLAMATH, river, Oregon, U.S.A., XVII. 822.
- KLANG, town, Malay Peninsula, XXII. 587; river, XV. 321.
- KLAPROTH, Heinrich Julius von, German Orientalist, XIV. 107.
- KLAPROTHITE, mineral, XVI. 394.
- KLATTAU, town, Bohemia, XIV. 107.
- KLAUSENBURG, town, Hungary, XIV. 107; university of, XXIII. 852.
- KLAUSTHAL, town, Prussia, XIV. 108.
- KLÉBER, Jean Baptiste, French general, XIV. 108.
- KLEIN, Jakob T., on birds, XVIII. 5; his contributions to zoology, XXIV. 804.
- , Julius Leopold, German dramatist, XIV. 108.
- KLEINSEITE, part of Prague, Bohemia, XIX. 658.
- KLEIST, Ewald Christian von, German writer, X. 534.
- , Heinrich von, German dramatist, X. 543.
- KLETTENBERG, Susanna K. von, friend of Goethe, X. 723.
- KLETTGAU, district, Switzerland, XXI. 386.
- KLEVE (Cleves), town, Prussia, V. 829.
- KLIAS, river, North Borneo, XXI. 123.
- KLINGENSTIERNA, Samuel, on telescope construction, XXIII. 138.
- KLINGER, Friedrich Maximilian von, German writer, X. 540.
- KLINGS, people, Malacca, XV. 323.
- KLINTZY, town, Russia, XIV. 108.
- KLIPPSPRINGER, antelope, II. 101.
- KLIPSTAD, mountain, South Africa, XXIII. 517.
- KLIPSTEINITE, mineral, XVI. 425.
- KLONOWICZ, Sebastian F., Polish poet, I. 93; XIX. 301.
- KLOPSTOCK, Friedrich Gottlieb, German poet, XIV. 108; X. 535; hymns by, XII. 588.
- KLOSTER-HEILSBRONN, town, Bavaria, XI. 624.
- KLOSTERNEUBURG, town, Austria, XIV. 109.
- KLOSTER-ZEVEN (Closter-Seven), Prussia, Convention of (1757), V. 74; VI. 706; IX. 588.
- KLYAZMA, river, Russia, XXIV. 279.
- KNARESBOROUGH, town, England, XIV. 109.
- KNEBELITE, mineral, XVI. 410.
- KNEBWORTH HOUSE, Herts, England, XI. 772.
- KNEE-BREECHES, Introduction of, VI. 474.
- KNEE-JOINT, Muscles of the, I. 840.
- KNEE-PAN, Anatomy of the, I. 829.
- KNELLER, Sir Godfrey, painter, XIV. 109.
- KNIAZHNIN, Russian dramatist, XXI. 106.
- , Franciszek D., Polish court-poet, XIX. 303.
- KNICKERBOCKER'S HISTORY OF NEW YORK, Irving's work, XIII. 372.
- KNIEBISHOHEN, mountain, Black Forest, Germany, XXIV. 700.
- KNIES, Karl, German economist, XIX. 391.
- KNIFE, its manufacture, VI. 734.
- KNIGGE, Baron Adolf von, German mystic, XII. 706.
- KNIGHT, KNIGHTS, of chivalry, XIV. 110; military service by, II. 568.
- KNIGHT, Charles, English author and publisher, XIV. 110; XVIII. 538; his *Cyclopædia*, VIII. 204.
- FEE, or Knight's Fee, Holder of, II. 568; XIV. 112.
- KNIGHTHOOD, XIV. 110; distraint of, XXIV. 695; precedence in, XIX. 664; romances of, XX. 633; scutage of, XXI. 572.
- KNIGHT OF THE SHIRE, XVIII. 305.
- KNIGHTS, The, of Aristophanes, II. 508.
- , Teutonic, military order, XXIII. 201.
- OF THE HOLY SEPULCHRE, military order, XXI. 670.
- OF LABOUR, political society, U.S.A., XXIII. 786.
- OF ST JOHN, Malta, XV. 343; XXI. 173.
- OF THE SWORD, at Riga, XX. 554.
- TEMPLARS, XVI. 709; XXIII. 160.
- KNIPRODE, Weinrich von, grand-master of Teutonic Knights, XXIII. 201.
- KNITTING, manufacture, XIV. 127; XII. 299.
- KNOCKANARIAN, mountain, Ireland, XXIV. 400.
- KNOCK-KNEE, Surgical treatment of, XXII. 692.
- KNOCKMEALDOWN, mountain, Ireland, XXIV. 400.
- KNOLE HOUSE, Kent, England, XIV. 40.
- KNOLLES, Richard, English historian, XIV. 127.
- KNOT, KNOTS, Theories of, XIV. 127; sailors', XIV. 128; XXI. 590.
- , bird, XIV. 129.
- KNOTT'S OBSERVATORY, Cuckfield, England, XVII. 711.
- KNOUT, Introduction of, in Russia, XXI. 91.
- KNOWLEDGE, different meanings of the word, XX. 49; in metaphysics, XVI. 80; XVIII. 793; relation of, to belief, III. 533; to logic, XIV. 782, 797; Condillac's theory of, VI. 251; Fichte's, IX. 137; Hume's, XII. 352; in Kant's philosophy, XIII. 850; Locke's views on, XIV. 758, 761; Platonic, XIX. 205; Socratic, XXII. 237, 266; Stoic theory of, XXII. 565, 566; Xenophanes's, XXIV. 719.
- KNOWLES, James Sheridan, English dramatist, XIV. 129.
- KNOW-NOTHING PARTY, in United States, XXIII. 770.
- KNOX, Henry, American Revolutionary general, XXIII. 789.
- , John, Scottish Reformer, XIV. 130; XXI. 500; his attitude towards Queen Mary, XV. 595; on the church and education in Scotland, XIX. 680.
- KNOXVILLE, town, Tennessee, U.S.A., XIV. 134.
- KNUTSSON, Charles, viceroy, Sweden, XXII. 746.

- KNUTSSON, Torkel, regent of Sweden, XXII. 745.
- KOALA, Australian bear, xv. 379, 382, 383.
- KOBE, town, Japan, xi. 851; XIII. 578; XVIII. 111.
- KOBELLITE, mineral, xvi. 395.
- KOBELYAKI, town, Russia, xiv. 134; XIX. 410.
- KOBRIN, town, Russia, xiv. 134.
- KOBT (Coptos), ancient town, Egypt, vi. 355.
- KOBURG (Coburg), town, Germany, vi. 91.
- KOBURGER, Antony, early German bookseller, iv. 39.
- KOCH, race, India, xii. 791.
- KOCHANOWSKI, Jan, Polish poet, xix. 300.
- KOCHOWSKI, Vespasian, Polish writer, xix. 302.
- KOCK, Charles Paul de, French novelist, xiv. 134.
- , Fort de, town, Sumatra, XXII. 639.
- KODAIKANAL, town, India, xv. 192.
- KODAS, town, South Africa, xvii. 168.
- KODOR, river, Caucasus, v. 253.
- KODOSHIM, part of the Mishnah, xvi. 505.
- KODUNGALUR, town, India, xiv. 135.
- KOEME OIL, xvii. 744.
- KOENIG, Rudolphe, on acoustics, i. 110, 115, 117, 118.
- KOEPFLIN, Wolfgang Fabricius (Capito), German divine, v. 73.
- KOGIA, genus of cetacean mammals, xv. 396.
- KOHAT, district, India, xiv. 135; xx. 109; town, xiv. 135.
- KOH-I-NOOR, diamond, vii. 166.
- KOHISTAN (Irak Adjemi), province, Persia, xiii. 213.
- KOHL, Johann Georg, German traveller and writer, xiv. 136.
- KOHL-RABI, vegetable, iv. 618; xii. 283; culture of, i. 370.
- KOHLRAUSCH, Rudolf H. A., his electrical investigations, viii. 39, 42; on electrolysis, vii. 219; viii. 48.
- KOHLUGA PASS, Central Asia, xii. 3.
- KOISSU, rivers, Caucasus, v. 255.
- KOJIKI, Japanese chronicle, xiii. 587.
- KOKBEKTY, town, Russia in Asia, xxi. 639.
- KOKHMA, town, Russia, xxi. 849.
- KOKONOR, lake, Asia, xiv. 217.
- KOKOON, or Gnu, antelope, x. 705.
- KOKSOAK, river, Labrador, xiv. 175.
- KOKSTADT, town, Cape Colony, xiii. 817.
- KOLABA, district, India, xiv. 136.
- KOLA-NUT, xvii. 664; tree, xxi. 662.
- KOLAPOOR (Kolhapur), state and town, India, xiv. 137.
- KOLAR, district, India, xiv. 136.
- KOLARIANS, race, India, xii. 777.
- KOLBERG (Colberg), town, Prussia, vi. 121.
- KÖLCSEY, Ferencz, Hungarian poet and orator, xiv. 137; xii. 377.
- KOLDEWEY, Captain Karl, German Arctic explorer, xix. 323.
- KOLDING, town, Denmark, xiv. 137.
- KÖLEN (Kjölen), mountains, Sweden, xxii. 736.
- KOLHAPUR, state and town, India, xiv. 137.
- KOLIKOD (Calicut), town, India, iv. 693.
- KOLIN, town, Bohemia, xiv. 137; battle of (1757), iii. 127.
- KOLINSKY, Skins of, ix. 838.
- KOLLAR, Jan, Bohemian poet, xxii. 152.
- KOLLATAJ, Polish statesman and writer, xix. 304.
- KÖLLIKER, Rudolf Albert, naturalist and anatomist, i. 131, 132; viii. 166, 168.
- KOLLYRITE, mineral, xvi. 424.
- KOLMAR (Colmar), town, German Alsace, vi. 150.
- KÖLN (Cologne, *q.v.*), town, Germany, vi. 151.
- KOLNO, town, Russia, xiv. 817.
- KOLOKOL, Russian periodical, xi. 774; xxi. 108.
- KOLOMEA, or Kolomyia, town and district, Austria, xiv. 137.
- KOLOMENSKOYE, village, Russia, xvi. 859.
- KOLOMNA, town, Russia, xiv. 138.
- KO-LOS, Chinese tribe, xvi. 224.
- KOLOUGIS, people of Algeria, i. 564.
- KOLOZSVAR, Hungary, University of, xxiii. 852.
- KOLS, people, India, xxii. 94.
- KOLTZOFF, Russian poet, xxi. 107.
- KOLUCHIN BAY, Eastern Siberia, xv. 547.
- KOLYMA, river, Siberia, xxiv. 726.
- KOLYVAN, town, Asiatic Russia, xxii. 11; xxiii. 439.
- KOLZUM, town, Egypt, xxii. 620.
- KOMARIT, mineral, xvi. 425.
- KOMEH, lake island, Central Africa, xvii. 504.
- KOMENSKY, Johann Amos (Comenius), Bohemian educationist and writer, vi. 182; vii. 673; xxii. 152.
- KOM KUTCHI, mountain, Montenegro, xvi. 780.
- KOMORN, town, Hungary, xiv. 138.
- KOMOTAU, town, Bohemia, xiv. 138.
- KOMUL (Hami), town, Central Asia, xi. 409.
- KONATHA, or Konasir, Temple of, Ceylon, xxiii. 573.
- KONCAN (Concan), district, India, vi. 238.
- KONDRATOWICZ, Ludwik W., Polish poet, xix. 305.
- KONGONE, river, Africa, xxiv. 765.
- KONGBERG, town, Norway, xiv. 138.
- KONIEH, province, Asiatic Turkey, xii. 696; xxiii. 653; town, xv. 92.
- KÖNIGGRÄTZ, town, Bohemia, xiv. 138; battle of (1866), iii. 140; x. 511.
- KONIGINE, mineral, xvi. 402.
- KÖNIGINHOF, town, Bohemia, xiv. 138.
- KÖNIGSBERG, town, Prussia, xiv. 138; xx. 16; library of, xiv. 546; observatory, xvii. 712; university, i. 451; xxiii. 844.
- KÖNIGSHÜTTE, town, Prussia, xiv. 139; xxii. 53.
- KÖNIGSMARK, Hans Christoph von, his siege of Athens (1687), iii. 10.
- , Philipp Christoph von, lover of Sophia Dorothea of Hanover, x. 420; xxii. 263.
- KÖNIGSSPITZE, peak, Rhætian Alps, i. 627; xxiv. 45.
- KÖNIGSTEIN, mountain, Transylvania, xxiii. 521.
- KONITZ, town, Russia, xiv. 139.
- KONIYEH (Konieh), town, Turkey in Asia, xii. 696.
- KONJAKOFF KAMEN, mountain, Russia, xxiv. 4.
- KÖNLITE, mineral, xvi. 429.
- KONOSHIONI, American-Indian tribes, xvii. 454.
- KONOTOP, town, Russia, xiv. 139; xxiii. 96.
- KONSBERGITE, mineral, xvi. 382.
- KONSK, town, Poland, xx. 218.
- KONSTANTINOGRAD, town, Russia, xix. 410.
- KOODOO, antelope, ii. 101.
- KOOM (Kum), town, Persia, xiv. 155; xviii. 626, 628.
- KOOSSEN, Johann Heinrich, his experiment in magnetization, xv. 253.
- KOOTUB, or Kutab, minaret, Delhi, xxi. 22; vii. 47.
- KOPAL, town, Russia in Asia, xxi. 641.
- KOPAONIK, mountain, Servia, xxi. 686.
- KOPCZYNSKI, Onufry, Polish grammarian, xix. 303.
- KÖPENICK, town, Prussia, xiv. 139.
- KOPEPET-DAGH, or Kopet-Dagh, mountains, Transcaspian Region, Russia, xxiii. 511, 631.
- KOPPARBERG, county, Sweden, xxii. 741.
- KOPPERNIGK (Copernicus, *q.v.*), Nicolaus, German astronomer, vi. 346.
- KOPPITE, mineral, xvi. 426.
- KOPREINITZ, town, Hungary, xiv. 140.
- KOPRILI, town, European Turkey, xiv. 140.
- KÖPRILI, Turkish viziers, xxiii. 645, 646.
- KOPURTHELLA, state, India, xiv. 2.
- KORAISH, Arab tribe, ii. 256; xvi. 545, 559, 563; language of, xxi. 652.
- KORAN, The, sacred book of Islam,

- xvi. 597; theology of, xxiii. 242; Tabari's commentary on, xxiii. 3.
- KORAT, territory, Siam, xiv. 140; xxi. 853; town, xiv. 140.
- KORDOFAN, province, Soudan, Africa, xiv. 140; i. 267; xxii. 278.
- KOREA, state, India, xiv. 141; v. 769.
- KOREYSH (Koraish), tribe, Arabia, ii. 256; xvi. 545, 559, 563; xxi. 652.
- KORIA, state, India, v. 769.
- KORINTJI, lake, Sumatra, xxii. 638.
- KORITSA, town, Albania, Turkey, xiv. 141.
- KÖRNER, Karl Theodor, German poet, xiv. 141.
- KOROSKO, desert, Nubia, xvii. 610.
- KOROTCHA, town, Russia, xiv. 142.
- KOROTOYAK, town, Russia, xiv. 142; xxiv. 298.
- KORS, tribe, Lithuania, Russia, xiv. 702.
- KORSAKOFF, town, Saghalin, Asia, xxi. 147.
- KORSÖR, town, Denmark, xxiv. 771.
- KORTCHEVA, town, Russia, xxiii. 672.
- KORTRYK (Courtrai), town, Belgium, vi. 520.
- KORYAKS, race of people, Eastern Siberia, xv. 548.
- KORZENIOWSKI, Joseph, Polish novelist, xix. 305.
- KOS (Cos), island, Asia Minor, vi. 444.
- KOSA-DAGH, mountains, Transcaucasia, Russia, xxiii. 514.
- KOSCHTAN TAU, mountain, Caucasus, v. 252.
- KOSCIUSKO, Mount, New South Wales, xvii. 408.
- , Thaddeus, Polish patriot, xiv. 142; xix. 298.
- KÖSEN, spa, Germany, xvii. 249.
- KOSHAUB (Khushab), town, India, xiv. 68.
- KOSHKAR, river, Syr-Daria, Asia, xxii. 819.
- KOSHOD, or Khoshod, Mongol tribes, iv. 710; xvi. 744, 749.
- KOSI, town, India, xiv. 143.
- KOSIN, active principle of kousso, xiv. 145.
- KÖSLIN, town, Prussia, xiv. 143.
- KOSLOFF, or Kozloff, town, Russia, xiv. 143; xxiii. 41.
- KOSMOS, Humboldt's work, xii. 345.
- KOSOVO, province, Turkey in Europe, xxiii. 653; battle of (1389), i. 781; xxi. 689; xxiii. 641; battle of (1448), i. 782.
- KOSLOWSKI, author of Greek Orthodox Confession, xvi. 544.
- KOSSMANN, R., on classification of parasites, xviii. 261.
- KOSSO, or Kousso, drug, xiv. 145.
- KOSSOGOL, lake, Siberia, xxii. 5; xxiii. 509.
- KOSSUTH, Louis, Hungarian leader, xii. 371; iii. 137.
- KOSTENDIL, town, Bulgaria, Turkey, xiv. 143.
- KOSTER, or Coster, Laurens, Dutch printer, xiv. 143; xxiii. 689, 691.
- , Samuel, Dutch dramatist, vii. 444; xii. 94.
- ISLANDS, Sweden, xxii. 737.
- KOSTOMAROFF, Nikolaus, Russian historian, xxi. 108.
- KOSTROMA, government, Russia, xiv. 143; xxi. 69; town, xiv. 143.
- KOSVA, river, Russia, xxiv. 279.
- KOTAH, state, India, xiv. 143; xx. 260.
- KOTAIBA, Ibn, Arab historian, xvi. 596; xxiii. 3.
- KOTAS, hill tribe, India, xvii. 509.
- KOTELNITCH, town, Russia, xxiv. 303.
- KOTHE, H., German writer on mnemonics, xvi. 533.
- KÖTHEN, town, Germany, xiv. 144.
- KOT KAMALIA, town, India, xvi. 789.
- KOTLIAREVSKI, Ivan, Russian poet, xxi. 110.
- KOTOSHIKHIN, Gregory Karpoff, Russian writer, xxi. 105.
- KOTRI, town, India, xiv. 144.
- KOTSCHUBEYITE, mineral, xvi. 414.
- KOTBUS, town, Prussia, xiv. 144.
- KÖTTIGITE, mineral, xvi. 404.
- KOTZEBUE, August Friedrich Ferdinand von, German dramatist, xiv. 144; his influence on German drama, vii. 443.
- , Otto von, Russian navigator, xiv. 145; x. 193.
- KOUBR, mausoleum, in Algeria, ii. 419.
- KOUEN-LUN (Kuen-Lun, *q.v.*), mountains, Tibet, ii. 684; xiv. 152.
- KOUIS, tribes, Siam, xxi. 852.
- KOULAN, wild ass, ii. 717.
- KOUMISS, fermented mare's milk, iv. 264; xvi. 305; distillation of, vii. 264.
- KOURBSKI, Andrew, Russian prince, xxi. 92, 104.
- KOUSHID KHAN KALA, town, Merv oasis, Asia, xvi. 42.
- KOUSSO, drug, xiv. 145.
- KOUYUNJIK, or Kuyunjik, remains of Nineveh, ii. 397; xvii. 512.
- KOVALEVSKI, Michael, Russian jurist, xxi. 108.
- KOVEL, town, Russia, xxiv. 282.
- KOVNO, government, Russia, xiv. 145; xxi. 69; town, xiv. 146.
- KOVROFF, town, Russia, xiv. 146; population, xxiv. 271.
- KOWALEWSKY, A., Russian naturalist, xxiv. 178; on cellular embryology, xxiv. 810.
- KOWLOON, suburb of Hong Kong, China, xii. 141.
- KOVUNJIK, remains of Nineveh, ii. 397; xvii. 512.
- KOZELETS, town, Russia, xxiii. 96.
- KOZELSK, town, Russia, xiv. 146.
- KOZIENICE, town, Russian Poland, xx. 218.
- KOZLOFF, town, Russia, xiv. 143; xxiii. 41.
- , Ivan, Russian poet, xxi. 107.
- KOZMODEMYANSK, town, Russia, xiv. 20.
- KRA, isthmus, Malay Peninsula, xv. 320; xxi. 851.
- KRAFFT, or Kraft, Adam, German sculptor, xiv. 146; xxi. 565; carvings of, at Nuremberg, xvii. 663.
- KRAGUSHEVATZ, town, Servia, xxi. 688.
- KRAIN (Carniola), Austria, v. 121.
- KRAIT, Indian snake, xxii. 196.
- KRAJOVA, town, Roumania, xiv. 146.
- KRAKATOA, volcano, Indian Archipelago, xxii. 653.
- KRAKOV (Cracow, *q.v.*), town, Austrian Poland, vi. 540.
- KRAMA, Javanese language, xiii. 608.
- KRÄMER, Gerhard, Belgian cartographer, xv. 520; xvi. 30.
- KRAMER, on birds, xviii. 8.
- KRANICHPFELD, district, Germany, xxi. 348.
- KRANKENHEIL, spa, Bavaria, xvi. 434.
- KRANTZ, Albert, German historian, xiv. 146.
- KRANTZITE, mineral, xvi. 428.
- KRAPACKS, or Carpathian Mountains (*q.v.*), v. 126.
- KRAPIVNA, town, Russia, xxiii. 605.
- KRAPP, Catherine, wife of Melanchthon, xv. 833.
- KRASICKI, Ignatius, Polish bishop and poet, xix. 303.
- KRASINSKI, Sigismund, Polish poet, xix. 304.
- KRASNOSLOBODSK, town, Russia, xviii. 515.
- KRASNOVODSK, town, Transcaspiian Region, Russia, xvi. 42; xxiii. 513.
- KRASNOYARSK, town, Siberia, xiv. 147; xxii. 11; xxiv. 743.
- KRASNYI KHOLM, town, Russia, xxiii. 672.
- KRASZEWSKI, Joseph Ignaz, Polish novelist, xix. 305.
- KRAURITE, mineral, xvi. 405.
- KRAWANG, town, Java, xiii. 606.
- KREASOTE (Creasote), antiseptic, drug, and poison, vi. 556; xxiii. 57.
- KREFELD (Crefeld), town, Germany, vi. 565; xxii. 65.
- KREIS, Prussian administrative division, xx. 18.
- KREL'S COUNTRY, Cape Colony, xiii. 817.
- KREMENETZ, town, Russia, xiv. 147; population, xxiv. 282.
- KREMENTCHUG, town, Russia, xiv. 147; xix. 410.
- KREMERSITE, mineral, xvi. 384.
- KREMLIN, citadel of Moscow, Russia, xvi. 856.
- KREMnitz, town, Hungary, xiv. 147.
- KREMSIER, town, Austria, xiv. 147.

- KREMSMÜNSTER, Austria, Observatory at, XVII. 713.
- KRESTOWAJA, pass, Caucasus, v. 255.
- KRESTSV, town, Russia, XVII. 607.
- KREUTZER, Conradin, German musical composer, XIV. 147.
- KREUZNACH, town, Prussia, XIV. 148; mineral water of, XVI. 434.
- KRIEMHILD, heroine of the Nibelungenlied, XVII. 475.
- KRIES, G., German economist, XIX. 392.
- KRILOFF, town, Russia, XVII. 608.
- , Ivan Andreevitch, Russian fabulist, XIV. 148; XXI. 106.
- KRIMMITZSCHAU, or Crimmitzschau, town, Saxony, VI. 590.
- KRIM TATARS, people, Russia, XVI. 748.
- KRIMTCHAKS, community of Russian Jews, XIV. 4.
- KRINITZ, Madame, Heine's "Mouche," XI. 627.
- KRIS, Javanese weapon, XIII. 604.
- KRISHNA (Kistna), district, India, XIV. 102, 103; river, XIV. 103; XVII. 123.
- KRISHNAGAR, town, India, XIV. 148; XVII. 161.
- KRISHNAGARH (Kishangarh), state, India, XIV. 101.
- KRISUVIGITE, mineral, XVI. 402.
- KRIK DER REINEN VERNUNFT, Kant's work, XIII. 850.
- KRIVE-KRIVEYTO, Lithuanian chief priest, XIV. 701.
- KRIVITCHI, tribe, Lithuania, XIV. 702.
- KRIZHANICH, Yuri, Russian writer, XXI. 105.
- KRKNOSE, mountain, Bohemia, XX. 552.
- KROBAT (Kubrat), Hunnic chief, XII. 382.
- KROKIDOLITE, mineral, XVI. 418.
- KROLEVETZ, town, Russia, XIV. 148.
- KROMER, Martin, Polish historian, XIX. 301.
- KRONBERG CASTLE, Elsinore, Denmark, VIII. 155.
- KRONOBERG, county, Sweden, XXII. 741.
- KRONSTADT (Cronstadt), town, Austria, VI. 608.
- (Cronstadt), town, Russia, VI. 607.
- KROTOSCHIN, town, Prussia, XIV. 148.
- KROVELETS, town, Russia, XXIII. 96.
- KRÜDENER, Baroness von, Russian pietist, XIV. 149.
- KRULOFF, or Kriloff, Ivan A., Russian fabulist, XIV. 148; XXI. 106.
- KRUMEN, Negro race, West Africa, XIV. 149.
- KRUMMACHER, Friedrich Adolf, German religious writer, XIV. 149.
- , Friedrich Wilhelm, German pietist, XIV. 149.
- , Gottfried Daniel, German pietist, XIV. 149.
- KRUMMHOLZ, tree, XIX. 104.
- KRÜNEN (Cronstadt), town, Austria, VI. 608.
- KRUNG-KRAO (Ayuthia), town, Siam, XXI. 852.
- KRUPP, Friedrich, his cannon foundries, VIII. 550; his cannon, II. 557; XI. 290.
- KRUS (Krumen), Negro people, West Africa, XIV. 149.
- KRUSENSTERN, Adam John, Russian navigator, XIV. 149.
- KRYLOFF (Krilloff), Ivan A., Russian fabulist, XIV. 148.
- KRYM, or Crimea (*q.v.*), peninsula, Russia, VI. 585.
- KRYUKOFF, town, Russia, XIV. 147.
- KRZEWOWICE, village, Austrian Poland, VI. 541.
- KSHATTRIYAS, Hindu caste, IV. 203, 204; v. 188; XII. 781; XVIII. 72.
- KSHEMANKARA, Sanskrit writer, XXI. 287.
- KTAADN, mountain, New England, U.S.A., XXIII. 792.
- KTO VINOVA? Hertzen's story, XI. 773.
- KUANGO, affluent of the Congo, Africa, XXIV. 765.
- KUBA, town, Caucasus, Russia, XIV. 150.
- KUBAN, district and government, Russia, XIV. 150; river, v. 254; XXI. 74.
- KUBASOFF, Sergius, Russian chronicler, XXI. 105.
- KUBLAI, ancient town, China, IV. 722.
- KHAN, Mongol ruler, XIV. 150; XVI. 742; emperor of China, v. 648; XIX. 405; his conversion to Buddhism, XIV. 229.
- KUBRAT, Hunnic chief, XII. 382.
- KUBUS, race of people, Sumatra, XXII. 640.
- KUCHAN, town and district, Persia, XIV. 152.
- KUCH BEHAR, state, India, XIV. 152.
- KÜCHENMEISTER, Friedrich, on tape-worms, XXIII. 50.
- KUDAT HARBOUR, North Borneo, XXI. 123.
- KUDIADAK, mountain, India, XVII. 509.
- KUDIAL-KALA (Kuba), town, Caucasus, Russia, XIV. 150.
- KUDRIAVTZOFF, Peter N., Russian historian, XXI. 108.
- KUDUS, town, Java, XIII. 606.
- KUEN-LUN, mountains, Tibet, XIV. 152; II. 684; v. 630; XXIII. 339, 341, 637.
- KUFA, district, Mesopotamia, XVI. 51; town, XVI. 564, 570.
- KUFRA, oasis, Africa, XVII. 695.
- KUH ALA DAGH, mountain, Persia, XIV. 66.
- KUH DINAR, mountains, Persia, XVIII. 619.
- KUH KHORKUD, mountain, Persia, XIV. 66.
- KUH LAU, Frederik, Danish musical composer, VII. 94.
- KUHNA SHAHR (Kashgar), town, Turkestan, XIV. 7; XXIII. 639.
- KUHNITE, mineral, XVI. 404.
- KUHORN, Martin (Bucer), German Reformer, IV. 411.
- KUILU, river, West Africa, XIV. 742.
- KUKA, or Kukawa, town, Bornu, Africa, XIV. 153; I. 271; IV. 61; XXII. 279.
- KUKAYA, Simeon, Syriac hymn-writer, XXII. 832.
- KUKI HILLS, district, India, xv. 69.
- KU-KLUX-KLAN, secret society, United States, XXIII. 784.
- KUKRI, Nepalese weapon, XXII. 802.
- KUKU KHOTO, town, China, XIV. 153.
- KULAB, district, Central Asia, XII. 3.
- KULABAGH (Kalabagh), town, India, XIII. 826.
- KULASE KHARAPATNAM, town, India, XXIII. 405.
- KULDJA, Old and New, towns, Central Asia, XIV. 154.
- KULIKOVO, Russia, Battle of (1380), XXI. 91.
- KULLU, district, India, XIV. 154.
- KULM, town, Prussia, XIV. 154; battle of (1813), XVII. 220.
- KULMAS, Louise Adelgunde Victorie, German authoress, x. 856.
- KULMBACH, town, Bavaria, XIV. 154.
- KULUK KHAN, Mongol ruler, XVI. 742.
- KUM, town, Persia, XIV. 155; XVIII. 626, 628.
- KUMA, river, Caucasus, v. 254; XXI. 74; XXII. 472.
- KUMAON (Kumaun), province, India, XI. 823.
- KUMASSI (Coomassie), town, West Africa, VI. 336.
- KUMAUN, district and division, India, XIV. 155; XI. 823; XVII. 572.
- KUMBH-MELA, Indian festival, XI. 475.
- KUMBUR, Baluchi chief, III. 300.
- KÜMMEL, liqueur, XIV. 687.
- KUMPTA, town, India, XIV. 155.
- KUMSA, river, Russia, XVII. 772.
- KUNASHIR, one of the Kurile Islands, Asia, XIV. 160.
- KUNCH, town, India, XIV. 155.
- KUNCKEL, Johann, his researches in chemistry, v. 460.
- KUNDT, August, his experiments on sound, I. 116.
- KUNDUZ, river and province, Afghanistan, I. 241, 242.
- KUNERSDORF, Prussia, Battle of (1759), III. 128; XXI. 99.
- KUNGUR, town, Russia, XIV. 155; XVIII. 550.
- KUNTAMPOH, town, West Africa, XX. 153.
- KUOPIO, province, Finland, IX. 217; town, XXIV. 209.
- KUPANG, town, Timor, Indian Archipelago, XXIII. 398.
- KUPARENTO, Jordaki, Polish aeronaut, I. 201.

- KUPFERBLAU, mineral, XVI. 411.
 KURA, river, Transcaucasia, Russia, XXI. 74; XXIII. 513.
 KURAL, Tamil poem, XXIII. 43.
 KURAN, or Koran (*q.v.*), XVI. 597.
 KURBSKI, Prince Andrew, Russian writer, XXI. 92, 104.
 KURDISTAN, country, Western Asia, XIV. 155; XXIII. 653; Nestorians of, XVII. 357.
 KURD LANGUAGE, Dictionaries of, VII. 190.
 KURDS, race of people, Western Asia, II. 712; XIV. 156.
 KUREN (Old Kuldja), town, Central Asia, XIV. 154.
 KÜRENBERG, Von, Austrian poet, XVII. 476.
 KURGAN, town, Siberia, XIV. 160; XXII. 11; XXIII. 430.
 KURGANS, sepulchral mounds, Kertch, Russia, XIV. 53.
 KURILE ISLANDS, North-Eastern Asia, XIV. 160; XIII. 569, 570.
 KURINIANS, Caucasian tribe, XIV. 475.
 KURISCHE HAF, lagoon, Prussia, XX. 20.
 KURLA, town, Turkestan, XXIII. 639.
 KURLAND (Courland), province, Russia, VI. 515; XXI. 69.
 KURMIS, class of society, India, XVIII. 72.
 KURNAL, district, India, XX. 109.
 KURNEH, Egypt, Temple of, VII. 779.
 KURRACHEE, district, India, XIV. 160; town, XIV. 161.
 KURRAM, river, Afghanistan, I. 230.
 KURSK, government, Russia, XIV. 161; XXI. 69; town, XIV. 161.
 KÜRSNER, Conrad (Pellicanus), German theologian, XVIII. 477.
 KURU, mountains, Persia, XVIII. 619.
 KURUASSA, town, Niger, Africa, XVII. 496.
 KURUMBAS, hill tribe, India, XVII. 509; XXIII. 42.
 KURUSH (Cyrus), Persian king, XVIII. 564.
 KURYANIN-KARA, mountain chain, Transcaspian Region, Russia, XXIII. 511.
 KUSHADASSI, town, Asia Minor, XXI. 361.
 KUSHLEK, Mongol chief, XIII. 621.
 KUSHTIA, town, India, XVII. 161.
 KUSI, river, India, III. 626; XVII. 340.
 KUSIMANSE, carnivorous mammal, XV. 437.
 KÜSSNACHT, Bay of, Lake of Lucerne, Switzerland, XV. 41.
 KUSTENDJE, town, Roumania, XIV. 161.
 KÜSTRIN, town, Prussia, XIV. 162.
 KU-SU (Su-Chow), town, China, XXII. 617.
 KUSUGA, Shinto temple of, Nara, Japan, XVII. 229.
 KUSUNDAS, Nepalese race, XVII. 341.
 KUTAHIAH, town, Asia Minor, XIV. 162.
 KUTAHIS, town, Caucasus, Russia, XIV. 162; XXIII. 514; government, XXIII. 513.
 KUTAYA (Kutayah), town, Asia Minor, XIV. 162.
 KUTCHUK-KAINARDJI, Walachia, Peace of (1774), XXI. 18; XXIII. 647.
 KUTCHUK-MENDER, river, Asia Minor, II. 708.
 KUTCHUM, fort, Siberia, XXIII. 430.
 KUTNO, town, Russian Poland, XXIV. 375.
 KUTSHUK-KAINARDJI, Walachia, Treaty of (1774), XXI. 18; XXIII. 647.
 KUTTENBERG, town, Bohemia, XIV. 162.
 KUTUSOFF, Mikhail J. G., Russian general, XVII. 217.
 KUTY, town, Austria, XIV. 162.
 KUXHAFEN (Cuxhaven), town, Germany, VI. 742.
 KUYUNJIK, ruins of Nineveh, XVII. 512; II. 397.
 KUZNETSK, town, Siberia, XIV. 162; XXI. 305; XXII. 11; XXIII. 439.
 KVASS, Russian beer, IV. 264.
 KWALA KUNGA, town, Straits Settlements, Asia, XXII. 587.
 KWALA LUMPUR, town, Straits Settlements, Asia, XXII. 587.
 KWANG-CHOW FOO, or Canton (*q.v.*), China, V. 37.
 KWANG-SE, province, China, V. 640.
 KWANG-TUNG, province, China, V. 639.
 KWANNON, Japanese goddess, Temple of, XXIII. 433.
 KWANTZE, Chinese musical instrument, XVII. 705.
 KWEI-CHOW, province, China, V. 640.
 KWEI-LING FOO, town, China, V. 640.
 KWEI-YANG FOO, town, China, V. 640.
 KWON-ZA-LENG, river, British Burmah, XXI. 239.
 KWORRA (Niger), river, Africa, XVII. 496.
 KYAN, or Kaiyan, town, Persia, XVIII. 627.
 KYD, Thomas, English dramatist, VII. 429; XXI. 763.
 KYLAS, Cave-chambers of, Ellora, India, II. 395.
 KYLE, district, Ayrshire, Scotland, III. 163.
 KYLOES, breed of cattle, I. 389.
 KYNETHOSKIAS CYATHUS, species of Polyzoa, XIX. 438.
 KYOUK-HPYU, district, Burmah, XIV. 162.
 KYROSITE, mineral, XVI. 390.
 KYRRE, Olaf, Norwegian king, XVII. 587.
 KYSHTYM, town, Russia, XVIII. 550.
 KYTHAL (Kaithal), town, Punjab, India, XIII. 825.
 L, the twelfth letter of the alphabet, XIV. 163.
 LAACHER SEE, lake, Rhenish Prussia, XX. 20.
 LAAR, or Laer, Pieter van, Dutch painter, XIV. 200.
 LA BADIE, Jean de, French Pietist, XIV. 163.
 LABADISTS, religious sect, XIV. 163.
 LABARUM, sacred standard, XIV. 164.
 LABBAYS, Indian race, XII. 746; XV. 185.
 LABÉ, Louise, French poetess, IX. 651.
 LABEL MOULDING, in architecture, II. 466.
 LABEM (Aussig), town, Bohemia, III. 101.
 LABEO, Marcus Antistius, Roman jurist, XIV. 164.
 —, Notker, monk of St Gall, XVII. 597.
 LÄBER, Dypold, German transcriber, XXIII. 682.
 LABERINTO, El, Juan de Mena's poem, XVI. 1.
 LABERIUS, Decimus, Latin farceur, XIV. 164.
 LABICUM, ancient town, Italy, XIV. 344.
 LABID, Arabic poet, XVI. 537.
 LABIENUS, Titus, Roman general, XIV. 165; XVIII. 286.
 LABOUR, XIV. 165; XIX. 463; in early times, I. 294; in relation to capital, XXIV. 48; influence of communism on, VI. 217; diet suitable for, VII. 202; free trade in, IX. 761; legislation with respect to, XIV. 166; in mining, XVI. 449; rents paid in, XX. 403; socialist views of, XXII. 206, 211; in relation to wages, XXIV. 306; in relation to wealth, XXIV. 461; Lassalle's views on capital and, XIV. 321; Ricardo's, XIX. 374; Rodbertus's, XX. 616; Adam Smith's, XIX. 367.
 LABOURDONNAIS, B. F. Mahé de (1699–1753), French governor, Mauritius, XV. 641.
 —, F. B. Mahé de (1795–1840), French chess-player, V. 601.
 LABOURERS, Farm, I. 408.
 LABOUR LAWS, XIV. 165.
 LABOURS, The Twelve, of Hercules, XI. 726.
 LABRADOR, territory, North America, XIV. 175; Eskimos of, VIII. 544.
 LABRADOR-DUCK, bird, III. 735.
 LABRADORITE, mineral, XVI. 420.
 LABRANG, Buddhist temple, Lhasa, Tibet, XIV. 228, 499.
 LA BREA, pitch lake, Trinidad, West Indies, XXIII. 573.
 LA BREDE, Baron de (Montesquieu, *q.v.*), XVI. 782.
 LABRUNIE, Gérard (G. de Nerval), French writer, X. 441.
 LABRUS, genus of fishes, XXIV. 686.
 LA BRUYÈRE, Jean de, French moralist, XIV. 177; IX. 663.
 XXV. — 32

- LABUAN, island, Indian Archipelago, XIV. 178; coal of, VI. 59.
- LABUK, river, North Borneo, XXI. 123.
- LABURNUM, tree, XIV. 179; II. 318.
- LABYRINTH, in mythology, XIV. 179; of Fayoum, Egypt, II. 387; VII. 774.
- , in gardening, XIV. 180.
- LABYRINTHODONTA, order of Amphibia, I. 751.
- LABYRINTHULIDEA, class of Protozoa, XIX. 843.
- LAC, resinous incrustation, XIV. 181; Indian, XII. 752; dye, VII. 575.
- LA CAILLE, spa, France, XXI. 332.
- LACAILLE, Nicolas Louis de, French astronomer, XIV. 182; II. 757; his measurement of arc of meridian, VII. 598.
- LA CALLE, or La Cala, town, Algeria, XIV. 182.
- LA CALPRENÈDE, Gautier de Costes de, French romancist, XX. 659.
- LA CAVA, town, Italy, V. 259; library, XIV. 530, 548.
- LACCADIVES, islands, Indian Ocean, XIV. 182.
- LACCO, spa, Ischia, Italy, XIII. 385.
- LACE, XIV. 183; gold and silver, X. 753; point d'Alençon, I. 477; factories in England, VIII. 233; in France, IX. 521; Heathcoat's machines for making, XI. 590.
- LACEDÆMON, state, Greece, XIV. 193; XXII. 369.
- LACÉPÈDE, Bernard G. É. de la Ville, Comte de, French naturalist, XIV. 191; on fishes, XII. 633; on reptiles, XX. 434.
- LACERDA, Francisco José, African explorer, X. 189; I. 246.
- LACERTILIA, order of reptiles, XIV. 732; classification of, XX. 439, 444.
- LA CHALOSSE, district, Landes, France, XIV. 272.
- LA CHALOTAIS, Louis René de Caradeuc de, French politician, XIV. 191.
- LA CHAPELLE, artesian wells, in Paris, II. 645.
- LA CHARITÉ, town, France, XVII. 496.
- LACHES, dialogue of Plato, XIX. 196.
- LACHINE CANAL, St Lawrence, Canada, XXI. 181; rapids, XVI. 794; XX. 165; XXI. 181.
- LACHISH, town, Palestine, XIV. 192.
- LA CHIUSA, town, Italy, V. 676.
- LACHLAN, river, Australia, XVII. 62, 408.
- LACHMANN, Karl Konrad Friedrich Wilhelm, German philologist, XIV. 192; on the Homeric poems, XII. 117; on the Nibelungenlied, XVII. 467.
- LACHRYMA CHRISTI, wine, XXIV. 610.
- LACIBI (Loja), ancient town, Spain, XIV. 810.
- LACIDULERMUM (Grazalema), ancient town, Spain, XI. 78.
- LACKENBY IRON-WORKS, England, Blowing engines at, III. 551.
- LACKER, or Lacquer, varnish, XIV. 194; XIII. 590, 592; XXIV. 92.
- LA COMBE, Francis de, Madame Guyon's director, XI. 342.
- LA CONDAMINE, Charles Marie de, French geographer and mathematician, XIV. 193; his explorations in South America, X. 189.
- LACONIA, state, ancient Greece, XIV. 193; XXII. 369.
- LACONIAN DIALECT, of Greek, XI. 133.
- LACONICUM, ancient bath, III. 434.
- LACORDAIRE, Jean Baptiste Henri, French orator, XIV. 193.
- LACQUER, varnish, XIV. 194; Japanese, XIII. 592; XXIV. 92.
- WARE, Japanese, XIII. 590, 592.
- LACRETELLE, Charles de, French historian and journalist, XIV. 194.
- LACROSSE, game, XIV. 195.
- LA CROSSE, town, Wisconsin, U.S.A., XIV. 195; population, XXIV. 617.
- LACRYMAL APPARATUS, of the human eye, I. 891.
- LACRYMAL GLAND, Diseases of, XVII. 786.
- LACRYMATORY, ancient utensil, XIV. 195.
- LACTANTIUS FIRMIANUS, early Christian writer, XIV. 195.
- LACTATION, Diet during, VII. 205.
- LACTIC ACID, XIV. 196.
- LACTIC ORGANS, of Mammalia, XV. 368; XVI. 301.
- LACTOMETER, dairy instrument, I. 168; XII. 542; XVI. 305.
- LACTOSE, variety of sugar in milk, XVI. 303.
- LACTUCARIUM, narcotic substance, XVII. 231.
- LACY, Hugo de, his power in Ireland, XIII. 259.
- LADAK, district, Tibet, XIV. 197; XXIII. 339.
- LADAS, statue by Myron, XVII. 120.
- LADDER HILL, St Helena, Atlantic, XXI. 171.
- LADDERS, in mines, XVI. 461.
- LADIK, or Ladikiyeh, town, Asia Minor, XIV. 293, 323; XV. 92.
- LADIN (or LADINO) LANGUAGE, Romance dialect, XIII. 492; XX. 668.
- LADISLAUS, king of Naples, XX. 803.
- I., king of Poland, XIX. 287.
- , czar of Russia, XXI. 95.
- LA DIXMERIE, Nicolas Bricaire de, French writer, XIV. 198.
- LADO, town, on Nile, Africa, XVII. 506.
- LADOGA, Lake, Russia, XIV. 199; XVII. 764.
- , New, town, Russia, XIV. 199.
- LADON, river, Greece, XVII. 765.
- LADRONE ISLANDS, North Pacific Ocean, XIV. 199; XVI. 256; XVIII. 128.
- LADY, title, XXIII. 417.
- LADY-BIRD, beetle, VI. 134; XIII. 150; destroyer of wheat-pests, XXIV. 535.
- LADY OF THE LAKE, Scott's poem, XXI. 548.
- LÆMARGUS, genus of sharks, XXI. 777.
- LAENNEC, René Théodore Hyacinthe, inventor of stethoscope, XIV. 200; III. 100; XV. 816; XX. 181.
- LAER, Pieter van, Dutch painter, XIV. 200.
- LÆSTRYGONES, mythic race of giants, XIV. 200; XIX. 559.
- LÆVI, Ligurian tribe, Italy, XIII. 446; XIV. 639.
- LÆVOGLUCOSE, or Lævulose, constituent of honey, IX. 96; XII. 136; XXII. 624.
- LA FARINA, Giuseppe, Italian writer and politician, XIV. 201.
- LA FAYETTE, town, Indiana, U.S.A., XIV. 201.
- LA FAYETTE, Marie Jean Paul, Marquis de, French general and statesman, XIV. 201; IX. 594, 603; in America, XXIII. 743, 745.
- LAFAYETTE, Marie M. P., Comtesse de, French writer, IX. 659.
- COLLEGE, at Easton, Pennsylvania, U.S.A., XXIII. 857.
- LAFITAU, Joseph François, Jesuit missionary, North America, XVII. 137.
- LA FLÈCHE, town, France, XIV. 203; XXI. 314.
- LA FONTAINE, Jean de, French poet and fabulist, XIV. 203; VIII. 839; IX. 657; his relations with Racine, XX. 204.
- LA FOSSE, Charles de, French painter, XIV. 207.
- LAFUENTE, Modesto, Spanish historian, XXII. 362.
- LAGENIDEA, order of Protozoa, XIX. 847.
- LAGHOUAT, town, Sahara, Africa, XXI. 149.
- LAGOMORPHA, section of rodent mammals, XV. 421.
- LAGOMYIDÆ, family of rodent mammals, XV. 421.
- LAGOPUS, genus of birds, XI. 222.
- LAGOS, town, Portugal, XIV. 207.
- , British settlement, West Africa, XIV. 207; XXIV. 754.
- LAGOTHRIX, genus of apes, II. 153.
- LAGRANGE, Joseph Louis, mathematician, XIV. 207; XIX. 281; his contributions to algebra, I. 515; VIII. 500; on the infinitesimal calculus, XIII. 12; on lunar and planetary perturbations, II. 761; on the lunar theory, XVI. 801; on the theory of parallels, XVIII. 255.
- LAGRÉNÉE, Louis Jean François, French painter, XIV. 211.
- LAGUNA, town, Tenerife, IV. 799.
- LAHARPUR, town, India, XXII. 102.
- LAHIRE, Laurent de, French painter, XIV. 211.

- LAHN, river, Germany, XVII. 238; XX. 519.
- LA HOGUE, France, Battle of (1692), IX. 579; XXIV. 580.
- LAHORE, division and district, India, XIV. 211; XX. 109; conquest of, by Mahmud, XV. 286.
- , town, India, XIV. 212; Punjab University at, XXIII. 856.
- LAHR, town, Baden, Germany, XIV. 215.
- LAI, or Lay, in French literature, XV. 541.
- LAIBACH, town, Austria, XIV. 215; congress of (1821), XIII. 486; XVI. 201.
- LAIGLE, town, France, XVIII. 2.
- LAILA AND MAJNUN, poem of Nizami, XVII. 522.
- LAING, Alexander Gordon, African explorer, XIV. 216.
- , David, Scottish antiquary, XIV. 216.
- , Malcolm, Scottish historian, XIV. 216.
- LAISHEFF, town, Russia, XIV. 20.
- LAISSEZ FAIRE, economic doctrine, XIX. 360.
- LAISSEZ FAIRE, theory of government, XI. 17.
- LAI-YANG, town, China, XIV. 216.
- LAKA, Tibetan tribe, XXIII. 344.
- LAKE, LAKES, XIV. 216; as reservoirs, XXIV. 405; temperature of, VI. 4; water of, XXIV. 398; of Central Africa, XVII. 505; of the St Lawrence, XXI. 177.
- DWELLINGS, XIV. 222; II. 116, 384; crannogs, VI. 552; XXIV. 563.
- LAKE-FISHING, angling, II. 39.
- LAKE IRON ORES, XIII. 287.
- LAKENA, atoll, Polynesia, XIX. 420.
- LAKE OF THE WOODS, Minnesota, U.S.A., XVI. 476.
- LAKE PIGMENTS, XIX. 87.
- LAKHIMPUR, district, Assam, India, XIV. 224.
- LAKHMIDS, Kingdom of the, Arabia, XVI. 545.
- LAKHNADON, plateau, India, XXI. 665.
- LAKHNAOTI, town, India, X. 112.
- LAKOJA, station, on the Niger, Africa, XVII. 498.
- LAKSANA PHRA, Siamese law treatises, XXI. 856.
- LAKSHMANASENA, dynasty of Bengal, India, X. 112.
- LANDE, Joseph Jérôme Lefrançois de', French astronomer, XIV. 225.
- LA-LIN, town, Manchuria, XV. 466.
- LALIN, town, Spain, XIX. 455.
- LALITPUR, district, India, XIV. 225.
- LALLA ROOKH, Moore's poem, XVI. 807.
- LALLY, Thomas Arthur, Comte de, French general, XIV. 226; in India, IX. 589; XII. 800.
- LAMA, genus of ungulate mammals, XIV. 738.
- , Great, of Tibet, XIV. 230; temples and festivals of, at Lhasa, XIV. 499, 501.
- LAMACHUS, Athenian leader in Syracusan war, XXII. 814.
- LAMAISM, XIV. 226; among the Mongols, XVI. 744; XXIV. 11; in Tibet, XIV. 151; XXIII. 343, 346; temples and festivals at Lhasa, XIV. 499, 501.
- LAMA-MIAU, town, Mongolia, XIV. 230.
- LA MANCHA, district, Spain, XV. 458.
- LA MANCHE, department, France, XV. 458.
- LAMARCK, Jean Baptiste P. A. de Monet, Chevalier de, French naturalist, XIV. 231; on evolution, VIII. 748; on morphology, XVI. 839; his zoological classification, XXIV. 806.
- LA MARCK, Comte de, Mirabeau's letters to, XVI. 496.
- LAMARRE, William, scholastic philosopher, XXI. 429.
- LAMARTINE, Alphonse Maria Louis de Prat de, French writer and statesman, XIV. 232; IX. 622, 675.
- LAMB, Charles, English essayist, XIV. 234.
- , Mary, English writer, XIV. 234.
- , William, Viscount Melbourne, XV. 838.
- LAMBADIS, tribe, India, XV. 185.
- LAMBESA (Lambèse), ancient town, Algeria, XIV. 237; XVII. 628.
- LAMBALLE, Marie T. L., Princesse de, XIV. 235.
- LAMBAYEQUE, town, Peru, XVIII. 674.
- LAMBAY ISLAND, Ireland, VII. 494; XIII. 216.
- LAMBE, Dr, Murder of, IV. 419.
- LAMBERT of Ostia (Pope Honorius II.), XII. 143.
- , the Porcupine man, IV. 245.
- , Daniel, his great size and weight, VI. 435.
- , Franz, on church order, XIX. 676.
- , Johann Heinrich, German physicist, XIV. 236; on squaring the circle, XXII. 436; his contributions to magnetism, XV. 236.
- , John, English Parliamentary general, XIV. 236.
- , John, English martyr, VIII. 335.
- LAMBERTIANA, tree, XIX. 105.
- LAMBERTY, Guillaume de, Swiss writer, XXII. 799.
- LAMBÈSE, or Lambessa, town, Algeria, XIV. 237.
- LAMBESPRING, Bartholomew, English sculptor, XXI. 560.
- LAMBETH, part of London, XIV. 821; potteries in, XIX. 632.
- ARTICLES, The, of 1595, II. 654.
- DEGREES, archbishop of Canterbury's, II. 369.
- PALACE, London, XIV. 838.
- LAMBS, Management of, I. 394; skins of, IX. 838; XIV. 380.
- LAMB'S LETTUCE, vegetable, XII. 281.
- LAMBTON, John George, earl of Durham, VII. 563.
- LAMECH, of Scripture, XIV. 238.
- LAMEGO, town, Portugal, XIV. 238.
- LAMELLAR MAGNETIZATION, XV. 232.
- LAMELLIBRANCHIA, class of Mollusca, XVI. 684.
- LAMELLICORNES, group of beetles, VI. 131.
- LAMENNAIS, Hugues Félicité Robert de, French theologian and philosopher, XIV. 239; IX. 675; XVII. 426; XXI. 382.
- LAMENTATIONS, Book of, XIV. 240.
- LA MERVEILLE, abbey, Mont St Michel, France, XVI. 797.
- LAMETTRIE, or La Mettrie, Julien Offray de, French philosopher, XIV. 243; IX. 668.
- LAMEYYAH, Arabic poem, II. 263.
- LAMGALIS, tribe, Kafiristan, Asia, XIII. 822.
- LAMIA, of Greek legend, XIV. 243.
- , Keats's poem, XIV. 23.
- LAMIAN WAR, Greece, XI. 107.
- LÄMMERGEYER, bird, XIV. 243; I. 633.
- LAMMERMUIR, district, Scotland, III. 612.
- HILLS, Scotland, XI. 361.
- LAMNA, genus of sharks, XIX. 518; XXI. 776.
- LAMONT, Johann von, German astronomer, XIV. 244.
- LA MOTTE, Antoine Houdart de, his controversy with Madame Dacier, VI. 759.
- LAMOURETTE, Adrien, collaborator with Mirabeau, XVI. 497.
- LAMP, LAMPS, XIV. 244; ancient, XIV. 247; of Damascus ware, XIX. 621; electric, XIV. 632; for magic lantern, XV. 212; safety, for mines, VI. 72; XVI. 461.
- LAMP-BLACK, pigment, XIV. 248; v. 87, 399; XIX. 88; XXIII. 58.
- LAMPEDUSA, island, Mediterranean, XIV. 249.
- LAMPERN (Lamprey), fish, XII. 694; XIV. 249.
- LAMPERTICO, Fedele, Italian economist, XIX. 394.
- LAMPETER, Wales, St David's College at, XXIII. 856.
- LAMPETRA (Lamprey), genus of fishes, XII. 694; XIV. 249.
- LAMPONG, residency, Sumatra, XXII. 639.
- LAMPOON, personal satire, XVIII. 341.
- LAMPREY, fish, XIV. 249; XII. 694.
- LAMPRIIDIUS, Ælius, Augustan historian, III. 74.
- LAMPSACUS, Greek colony, Asia Minor, XIV. 249; XVII. 122; coins of, XVII. 645.
- LAMU, island, East Africa, XXIV. 768.
- LAMUS, Greek mythic city, XIV. 200, 243.

- LAMUTS, Siberian people, XXIII. 608.
 LÄN, Swedish administrative division, XXII. 741.
 LANA, Francis, his aeronautical machine, I. 187.
 LANAI, island, Hawaiian group, XI. 532.
 LANARK, county, Scotland, XIV. 250; area and population, XXI. 528; representation, XXIII. 727; coalfield, VI. 53; town, XIV. 252.
 LANARKITE, mineral, XVI. 400.
 LANCASHIRE, or Lancaster, county, England, XIV. 252; population and representation, XXIII. 727; coalfield, VI. 51; cotton manufactures, VI. 489.
 LANCASTER, town, England, XIV. 254.
 —, town, Ohio, U.S.A., XIV. 255.
 —, town, Pennsylvania, U.S.A., XIV. 255.
 —, Royal House of, XIV. 255; VIII. 327; XIX. 175.
 —, Duke of (John of Gaunt), VIII. 319, 327, 328; XXII. 320.
 —, Sir James, English navigator, XIV. 257.
 —, Joseph, English educationist, XIV. 257; VII. 678.
 LANCASTERIAN INSTITUTION, educational, XIV. 258.
 LANCE, weapon, II. 555.
 —, in pyrotechny, XX. 136.
 LANCELET, fish, XIV. 258; XXIV. 178.
 LANCELOT, romance, XX. 644, 647.
 LANCERS, cavalry, V. 263.
 LANCEWOOD, XIV. 259.
 LAN-CHOW FOO, town, China, XIV. 259.
 LANCIANO, town, Italy, XIV. 259.
 LANCISI, Giovanni Maria, Italian physician, XV. 815.
 LANCRET, Nicolas, French painter, XIV. 259.
 LAND, its possession and tenure, XIV. 259; agrarian laws, I. 287; cleaning of, in agriculture, I. 335; free trade in, IX. 761; property in, in Roman law, XX. 673, 689, 713; real estate in, XX. 304; registration of, XX. 342; rent of, in relation to value, XXIV. 50; socialist views of, XXII. 206; taxes on, IX. 181; tenure of, see Land Tenure below; Ricardo's theory of, XIX. 374; Adam Smith's, XIX. 367.
 —, in physical geography, X. 211; temperature of, XVI. 134; upheaval and subsidence of, X. 255.
 LANDANA, town, Loango, Africa, XIV. 743.
 LANDAU, town, Bavaria, XIV. 271.
 LANDELLE, De la, his flying machine, IX. 320.
 LANDEN, John, English mathematician, XIV. 271.
 LANDER, John, African explorer, XIV. 271; I. 246.
 —, Richard, African explorer, XIV. 271; I. 246; V. 802.
- LANDES, department, France, XIV. 272; X. 624.
 LANDJUWELEN, rhetorical tournaments, Holland, XII. 91.
 LAND LAWS, Brehon, IV. 252; XIII. 254; in relation to feudalism, IX. 122; Roman, XX. 673, 689, 713; Spartan, XV. 97; of the homestead, United States, XII. 122.
 LAND LEAGUE, Ireland, XIII. 272.
 LANDLORD, in relation to rent, XX. 402.
 — AND TENANT, Law of, XIV. 272, 268; in Ireland, XIII. 228.
 LANDMANN, Georg (Agricola), mineralogist, I. 290.
 LANDO, Michele di, popular leader, Florence, XV. 783.
 LONDON, Charles Paul, French painter, XIV. 278.
 —, Letitia Elisabeth, English poetess, XIV. 278.
 LANDOR, Walter Savage, English writer, XIV. 278; as dramatist, VII. 439.
 LANDORA, town, Sweden, XIV. 282.
 LANDOWNERS, in the United Kingdom, XXI. 530.
 LAND-OWNERSHIP, Celtic, V. 800.
 LANDOWNING, in the United Kingdom, VIII. 223.
 LANDPORT, Portsmouth, England, XIX. 534.
 LAND-RAIL, bird, VI. 543; XX. 222.
 LAND-ROLLER, agricultural implement, I. 319.
 LANDS, Moor, Reclamation of, I. 402.
 LANDSBERG-AN-DER-WARTHE, town, Prussia, XIV. 280.
 LANDSCAPE DRAWING, VII. 450.
 LANDSEER, Charles, English painter, XIV. 280.
 —, Sir Edwin Henry, English painter, XIV. 280.
 —, John, English painter, XIV. 280.
 —, Thomas, English engraver, XIV. 280.
 LANDSHUT, town, Bavaria, XIV. 281.
 LANDSKRO, spa, Germany, XVI. 436.
 LANDSKRONA, town, Sweden, XIV. 282.
 LANDSTAD, M. B., Norwegian hymn-writer, XVII. 591.
 LANDSTING, Swedish county board, XXII. 743.
 LAND SURVEYING, XXII. 695.
 LAND-TAX PARISH, English, XVIII. 296.
 LAND TENURE, I. 294, 406; VI. 209; XIX. 735; copyhold, VI. 355; early English, VIII. 275; knight's fee, XIV. 112; manorial rights connected with, XV. 496; seignory, XXI. 623; in India, XII. 769; XV. 289; in Ireland, XIII. 218; in Isle of Man, XV. 452; in Italy, XIII. 452; in Russia, XXI. 83; in United States, XII. 122; XXIII. 763; Littleton on, XIV. 704.
- LANDWEHR, German militia, II. 595.
 LANE, Edward William, English Orientalist, XIV. 282; on Egyptian baths, III. 437.
 LANE'S ELECTRIC JAR, VIII. 117.
 LANFRANC, archbishop of Canterbury, XIV. 282; II. 91; VIII. 372; XVII. 543; his influence on the Normans, XVII. 548.
 LANFRANCHI of Milan, Italian surgeon, XXII. 675.
 LANFREY, Pierre, French historian, XIV. 284.
 LANGDALE PIKE, mountain, England, XXIV. 513.
 LANG DARMA, or Langdharma, Tibetan king, XIV. 229, 502.
 LANGE, Friedrich Albert, on evolution, VIII. 768.
 LANGEN BIELAU, village, Germany, III. 666.
 LANGENSALZA, town, Prussia, XIV. 285.
 LANGENSCHWALBACH, spa, Germany, XXI. 460.
 LANGENTHAL, district, Prussian Silesia, XXII. 52.
 LANGETHAL, German educationist, IX. 793.
 LANGEX, Guillaume du Bellai, Lord of, French writer, III. 543.
 LANGIEWICZ, Marian, Polish patriot, XIX. 299.
 LANGITE, mineral, XVI. 402.
 LANGKAWI, island, Malay Peninsula, XV. 321.
 LANGLAND, or Langley, William, early English poet, XIV. 285.
 LANGLEY, Batty, on pointed architecture, II. 445.
 LANGÖ, island, Norway, XIV. 769.
 LANGOBARDI (Lombards, *q.v.*), people, Italy, XIV. 813.
 LANGOBARDORUM LEGES, ancient law code, XXI. 216.
 LANGRES, town, France, XIV. 286.
 LANGSHANS, fowls, XIX. 645.
 LANGSIDE, Scotland, Battle of (1568), XV. 599; XXI. 505.
 LANGTON, Stephen, archbishop of Canterbury, XIV. 286; VIII. 306; his quarrel with King John, XIII. 713.
 LANGUAGE, LANGUAGES, the science, XVIII. 765; alphabets of, I. 601; evolution theories of, VIII. 769; grammar of, XI. 37; in relation to anthropology, II. 117; to ethnology, VIII. 621; to mythology, XVII. 137; to thought, XX. 75; expressed by speech sounds, XXII. 381; African Negro, XVII. 318; of American races, I. 688; American-Indian, XII. 824; Bantu-Kaffre, XIII. 820; XXIV. 827; Celtic, V. 297; Chinese, V. 653; Dutch, XII. 84; Egyptian, VII. 721; XI. 794; English, VIII. 390; Ethiopian, VIII. 612; Etruscan, VIII. 638; European, VIII. 699; French, IX. 629; Frisian, IX. 788; German, X. 514;

- Gothic, x. 852; Greek, xi. 126; Hebrew, xi. 594; Hindustani, xi. 840; Hottentot, xii. 312; Icelandic, xii. 627; Iranian, xviii. 653; Italian, xiii. 491; Japanese, xiii. 585; Javanese, xiii. 606; Lapp, xiv. 306; Latin, xiv. 327; Magyar, xii. 374; Malagasy, xv. 171, 175; Malayan, xv. 325; Manx, xv. 453; Mongol, xvi. 749; Nepalese, xvii. 341; Pahlavi, xviii. 134; Pali, xviii. 183; Papuan, xviii. 231; Persian, xviii. 653; Phœnician, xviii. 802; Polynesian, xix. 423; Provençal, xix. 867; Romance, xx. 661; Romani, x. 613; Sabæan, xxiv. 740; Sanskrit, xxi. 269; Scandinavian, xxi. 366; Semitic, xxi. 641; Siamese, xxi. 855; Slavonic, xxii. 147; Spanish, xxii. 346; Tamil, xxiii. 42; Tibetan, xxiii. 346; Turkish, xxiii. 661; Urdu, xi. 840; Zulu, xxiv. 827; Plato on, xix. 202; list of dictionaries, vii. 183.
- LANGUEDOC, province, France, xiv. 287; Reformation in, iv. 743.
- CANAL, iv. 783.
- LANGUE D'OC, xix. 868; poems in, ix. 646.
- LANGUE D'OIL, or Langue d'Oui, xix. 868; Wallon, a dialect of, xxiv. 332; satirical poems in, ix. 646.
- LANGUET, Hubert, French diplomatist, xiv. 288.
- LANGY, bird, xi. 262.
- LANIERE, Nicholas, English musician, xvii. 87.
- LANIIDÆ, family of birds, xiv. 81.
- LANIUS, genus of birds, xxi. 845.
- LANKESTER, E. Ray, on Mollusca, xvi. 632, 639, 645, 672; on Protozoa, xix. 839, 852, 855, 856; his zoological classification, xxiv. 812.
- LANNEMEZAN, plateau, France, xx. 127.
- LANNER, bird, ix. 3.
- LANNES, Jean, French marshal, xiv. 289.
- LANNOY, Baroness de, Dutch writer, xii. 96.
- LA NOUE, François de, Huguenot captain, xiv. 289.
- LANSDELL, H., on Siberian penal institutions, xix. 762.
- LANSLOWNE, First Marquis of, English statesman, xiv. 289.
- , Third Marquis of, xix. 148.
- LANSING, town, Michigan, U.S.A., xiv. 290.
- LANSINGBURGH, town, New York, U.S.A., xiv. 290.
- LANTARA, Simon Mathurin, French painter, xiv. 290.
- LANTERLOO, card game, xv. 1.
- LANTERN, in architecture, ii. 467.
- , Lighthouse, xiv. 618, 629.
- , Magic, xv. 211.
- LANTERN-FLY, insect, xiv. 290; xiii. 153; xviii. 814.
- LANTHANITE, mineral, xvi. 399.
- LANTHANUM, chemical element, xiv. 291; v. 542; spectrum of, xxii. 376.
- LANTSANG-KIANG (Mekong), river, Asia, xv. 832; xxiii. 339.
- LANUVIUM, ancient town, Italy, xiv. 344.
- LANVAUX, Landes of, district, France, xvi. 813.
- LANYARDS, of ships, xxi. 596.
- LANZAROTE, island, Canaries, iv. 800.
- LANZI, Luigi, Italian antiquary, xiv. 292.
- LAOCOON, in Greek legend, xiv. 292; sculptured group of, ii. 365.
- , Lessing's work, x. 536; xiv. 480.
- LAODICE, princess of Cappadocia, v. 76.
- LAODICEA, Greek towns, Asia Minor, xiv. 293.
- , The Epistle from, viii. 461.
- AD LYCUM, town, Asia Minor, xiv. 293; council of (363), on the canon, v. 10.
- AD MARE, town, Asia Minor, xiv. 293, 323.
- COMBUSTA, town, Asia Minor, xiv. 293; xv. 92.
- LAODICEANS, Epistle to the, xviii. 423.
- LAODONIA (Lothian), ancient district, Scotland, xv. 9.
- LAOMEDON, of Greek legend, xxiii. 583.
- LAON, town, France, xiv. 293; capital of an early kingdom, xvii. 541.
- GLOBE, x. 680.
- LAOS, Indo-Chinese people, xiv. 294; their relations with Siam, xxi. 854; their language, xxi. 774.
- LÃO-TSZE, or Laou-tze, Chinese author and founder of Tâoism, xiv. 295; v. 664.
- LAPAROTOMY, in surgery, xxii. 691.
- LA PAZ, town, Bolivia, xiv. 298.
- LA PAZ, town, Mexico, xvi. 214.
- LA PÉROUSE, Jean François, French navigator, xiv. 298; x. 190.
- LAPIDARY, gem worker, xiv. 298.
- LAPIDE, John a, Paris realist, xx. 489.
- LAPIS JUDAICUS, stone, xi. 49.
- LAPIS LACEDÆMONIUS, stone, xix. 521.
- LAPIS LAZULI, mineral, xiv. 300; xvi. 412; xxiii. 721.
- LAPITHÆ, or Lapiths, in Greek mythology, xiv. 300; xxiii. 295.
- LAPLACE, Pierre Simon, Marquis de, French mathematician and astronomer, xiv. 301; his contributions to astronomical science, ii. 761; on the use of balloons, i. 194; on capillary action, v. 57; on the lunar theory, xvi. 801; on probability, xix. 769; on tides, xxiii. 355; on the undulatory theory of light, xiv. 605; his relations with Lagrange, xiv. 210.
- LAPLAND, country, Northern Europe, xiv. 304; xxii. 736.
- LA PLATA, mountain, Colorado, U.S.A., vi. 161.
- LA PLATA, river, South America, ii. 489; xix. 187.
- LAPONG, town, Siam, xxi. 853.
- LAPORTE, Camisard leader, iv. 744.
- LA PORTE, town, Indiana, U.S.A., xiv. 308.
- LAPPENBERG, Johann Martin, German historian, xiv. 308.
- LAPP LANGUAGE, xiv. 306; dictionaries of, vii. 188.
- LAPPS, race of people, Northern Europe, xiv. 305; ix. 219; xix. 329.
- LA PUEBLA, town, Mexico, xx. 98.
- LAPWING, bird, xiv. 308; xix. 228.
- LAR, Roman household god, xiv. 313; xviii. 489.
- , town, Persia, xiv. 309.
- LARA, state, Venezuela, xxiv. 140.
- LARAMIE CITY, Wyoming, U.S.A., xxiv. 713.
- LARANDA (Karaman), town, Asia Minor, xv. 92.
- LARASH, or El-Araish, town, Morocco, vii. 796; xvi. 831.
- LARAT, island, Timor Laut, Indian Archipelago, xxiii. 398.
- LARCENY, or Theft, xxiii. 232.
- LARCH, tree, xiv. 309; in United States, xxiii. 809; culture of, ii. 315.
- LARD, hog-fat, xiv. 312; xvii. 744; adulteration of, i. 171.
- LARDNER, Dionysius, scientific writer, xiv. 313.
- , Nathaniel, English theological writer, xiv. 313.
- LAREDO, town, Spain, xxi. 297.
- LA RENAUDIE, Godefroi de Barri, Seigneur de, French conspirator, ix. 560.
- LA RENTALIA, Roman festival, xiv. 313.
- LARES, Roman household gods, xiv. 313; xviii. 489.
- LARGILLIÈRE, Nicolas, French painter, xiv. 314.
- LARGS, Scotland, Battle of (1261), xvii. 588; xxi. 485.
- LARICHUS, brother of Sappho, xxi. 303.
- LARISSA, town, Greece, xiv. 314.
- LARISTAN, province, Persia, xiv. 314.
- LARIVEY, Pierre, French dramatist, ix. 652.
- LARIVIÈRE, Mercier, French physiocrat, xix. 361.
- LARIX, genus of trees, xiv. 309.
- LARK, bird, xiv. 314; Mongolian, xv. 467.
- LARKHANA, town, India, xxi. 803.
- LARKSPUR, garden annual, xii. 249.
- LARNACA, town, Cyprus, vi. 748.
- LA ROCHE BERNARD, town, France, xvi. 813.
- LA ROCHEFOUCAULD, François de,

- French moralist, XIV. 317, 867; IX. 663.
- LA ROCHELLE, town, France, XX. 612; siege of (1628), IX. 568; synod of (1571), XIX. 694.
- LA ROCHE-SUR-YON, town, France, XX. 615; XXIV. 138.
- LA ROTHÈRE, France, Battle of (1814), XVII. 221.
- LARRA, José de, Spanish humorist, XXII. 361.
- LARUNDA, in Roman legend, XIV. 313.
- LARUS, genus of birds, XI. 274.
- LARVA, of insects, XII. 574; XIII. 147; of bees, III. 494; of beetles, VI. 127.
- , embryo of Polyzoa, XIX. 433, 440.
- LARVACEA, order of Tunicata, XXIII. 614.
- LARVÆ, in Roman mythology, XIV. 313.
- LARYNGISMUS STRIDULUS, disease, XXIII. 320.
- LARYNGITIS, throat disease, XXIII. 319.
- LARYNGOLOGY, department of medicine, XV. 797.
- LARYNGOSCOPE, surgical instrument, XXIII. 319.
- LARYNX, of mammals, XV. 365; organ of the voice, XXIV. 273.
- LA SALLE, town, Illinois, U.S.A., XIV. 318.
- LA SALLE, Antoine de, French writer, IX. 649.
- LA SALLE, Robert Cavelier, Sieur de, French explorer, XIV. 318.
- LAS BURGAS, mineral springs, Spain, XVII. 827.
- LA SCALA, town, Patmos, Ægean Sea, XVIII. 408.
- LA SCALA FAMILY, Scaliger's supposed connexion with, XXI. 364.
- LASCAR, Oriental sailor, XIV. 319.
- LASCARIS, John IV., Greek emperor, XIII. 713; XVI. 227.
- , Constantine, Greek scholar, XIV. 319; XI. 149.
- , Joannes, Greek scholar, XIV. 319.
- , Paul, grand-master of the Hospitallers, XXI. 175.
- , Theodore, emperor of Nicæa, XI. 119.
- LAS CASAS, Bartolomé de, Apostle of the Indies, XIV. 319.
- LAS CASAS DE TOLOSA, captain-general of Cuba, VI. 678.
- LA SEYNE, town, France, XXI. 726; XXIII. 483.
- LASHBUNA, Moslem name of Lisbon, XIV. 693.
- LA SILA, mountains, Italy, XIII. 439.
- LASIONITE, mineral, XVI. 405.
- LASKI, Albert, Polish astrologer, VII. 22.
- LASKY, or Laski, John (Alasco), Polish Reformer, I. 443; XIX. 679.
- LAS NAVAS, Spain, Battle of (1212), XXII. 317.
- LAS PALMAS, town, Canary Islands, IV. 799.
- LASSA (Lhasa), town, Tibet, XIV. 496; XXIII. 344.
- LASSALLE, Ferdinand, German socialist, XIV. 320; X. 513; XXII. 210, 214; on co-operation, VI. 214.
- LASSELL, W., English astronomer, II. 811, 812, 813; his observatory at Starfield, England, XVII. 711; his reflecting telescope, XXIII. 152.
- LASSEN, Christian, Norwegian Orientalist, XIV. 322.
- LASSEN'S PEAK, Sierra Nevada, U.S.A., XXIII. 800.
- LASSO, Orlando di, Flemish musician, XVII. 84.
- LAST CHRONICLE OF BARSET, Trollope's novel, XXIII. 585.
- LAST DAYS OF POMPEII, Lytton's novel, XV. 122.
- LASTINGHAM, England, Crypt in church at, VI. 668.
- LASTMAN, Pieter, Dutch painter, XX. 373.
- LAST OF THE BARONS, Lytton's novel, XV. 123.
- L'ASTRÉE, French romance, XX. 659.
- LAST SUPPER, of Jesus Christ, XIII. 668; Leonardo da Vinci's painting of, XIV. 458.
- LAS VEGAS, hot springs, New Mexico, U.S.A., XVII. 400.
- LATAKIA, town, Syria, XIV. 323.
- TOBACCO, XXIII. 425.
- LATANIA, genus of palms, XVIII. 190.
- LATCH LOCK, XIV. 748.
- LATEAU, Louise, of Hainault, Stigmata of, XXII. 550.
- LATENT HEAT, XI. 555.
- LATERAN COUNCIL, Decrees of the second, XVII. 484; the fourth, XIII. 84.
- LATERAN PALACE, Rome, XX. 835.
- LATERITE, rock, India, XII. 737.
- LATHAM, John, on birds, XVIII. 6.
- LATHE, machine for turning, XIV. 323; XV. 153.
- LATHING, for plaster work, IV. 505.
- LATHYRUS, genus of plants, XVIII. 441.
- LATIARIS, epithet of Jupiter, XIII. 780.
- LATICIFEROUS TISSUE, in plants, XIX. 48.
- LATIMER, Hugh, English Reformer and martyr, XIV. 325.
- LATINI, or Latins (*q.v.*), ancient people, Italy, XIV. 343.
- , Brunetto, Italian poet, XIII. 501.
- LATIN INSCRIPTIONS, XIII. 124.
- LATIN LANGUAGE, XIV. 327; accent in, I. 80; alphabetism in, I. 610; in relation to Romance languages, XX. 661; dictionaries of, VII. 184; Varro's treatise on, XXIV. 93.
- LATIN LEAGUE, of thirty cities, Italy, XIV. 343.
- LATIN LITERATURE, XX. 715; rhetoric, XX. 514; romances, XX. 633; in time of Virgil, XXIV. 248.
- LATINS, ancient Italian people, XIII. 445; XIV. 343; XX. 669, 731, 739, 745.
- LATIN WRITING, XVIII. 151.
- LATITAT, English writ, XXIV. 695.
- LATITUDE, in astronomy, II. 771, 793; geographical, X. 198; early methods of finding, X. 187; in navigation, XVII. 251, 268, 272; of observatories, XVII. 710; as known to Ptolemy, XX. 88; calculation of, in surveying, X. 166, 169; XXII. 700, 712; highest latitudes ever reached, X. 196; XIX. 324, 326.
- LATIUM, ancient division, Italy, XIV. 343; coins of, XVII. 637.
- LATONA, in Roman mythology (the Greek Leto), XIV. 345; II. 185.
- LATOPOLIS (Esneh), ancient town, Egypt, VII. 782; VIII. 547.
- LA TRAPPE, Monastery of, France, XXIII. 523; XVI. 713.
- LATREILLE, Pierre André, French naturalist, XIV. 345; on reptiles, XX. 436.
- LATROBITE, mineral, XVI. 420.
- LATTER DAY SAINTS, or Mormons, XVI. 825.
- LATVIS, or Letts, tribe, Lithuania, Russia, XIV. 702.
- LAUBAN, town, Prussia, XIV. 346.
- LAUBE, Heinrich, German writer, X. 545.
- LAUBER (Dypold), German transcriber, XXIII. 682.
- LAUD, William, archbishop of Canterbury, XIV. 346; VIII. 346; his church measures, VIII. 377; XIX. 687; his influence on Scottish affairs, XXI. 511.
- LAUDANUM, drug, XVII. 793.
- LAUDER, town, Scotland, III. 613.
- , Sir Thomas Dick, Scottish writer, XIV. 347.
- LAUDERDALE, district, Scotland, III. 612.
- , Earl and duke of, Scottish statesman, XV. 308; XXI. 515; his relations with archbishop Sharp, XXI. 780.
- , Eighth Earl of, on Smith's Wealth of Nations, XIX. 370.
- LAUDI, Italian dialogue poems, XIII. 500.
- LAUDONNIÈRE, René Goulaine de, French settler, Florida, XX. 531.
- LAUDS, canonical hour, IV. 263.
- LAUENBURG, duchy, Germany, XIV. 347; XXI. 414.
- LAUGHING, XX. 480.
- GAS, V. 512.
- JACKASS, bird, XIV. 82.
- LAUGIER, Meiffren, on birds, XVIII. 12.
- LAUMONTITE, mineral, XVI. 422.
- LAUNCE, Sand, fish, XXI. 257.
- LAUNCESTON, town, England, XIV. 347.
- , town, Tasmania, XIV. 347; XXIII. 73.

- LAUNCHING, of a ship, XXI. 820.
- LAUPEN, Switzerland, Battle of (1339), XXII. 784.
- LAURA, in Eastern monachism, I. 10; XVI. 700.
- , of Petrarch's Canzoniere, XVIII. 707.
- LAUREIUM, Silver mines of, ancient Greece, III. 59.
- LAUREL, tree, XIV. 348; in California, XXIII. 810.
- LAURENCEKIRK, town, Scotland, XIV. 79.
- LAURENS, Henry, American statesman, XIV. 349.
- , John, American general, XIV. 349.
- LAURENTI, Joseph N., on reptiles, XX. 434.
- LAURENTIAN ROCKS, in geology, x. 327; their thickness, I. 679; in Canada, XX. 166.
- LAURENTIUS (Lawrence), St, martyr, XIV. 370.
- JUSTINIANUS, St, x. 625.
- LAURENTUM, ancient town, Italy, XIV. 344.
- LAURIA, town, Italy, XIV. 349.
- LAURIE ISLAND, Antarctic Ocean, XVII. 407.
- LAURITE, mineral, XVI. 394.
- LAURUS, genus of plants, XIV. 348.
- LAURVIK, or Laurvig, town, Norway, XIV. 350.
- LAUSANNE, town, Switzerland, XIV. 350; population, XXIV. 115.
- , or Geneva (*g.v.*), Lake of, Switzerland, x. 151.
- LAUSITZ (Lusatia), district, Germany, xv. 69.
- LAUSONIUM (Lausanne), ancient town, Switzerland, XIV. 350.
- LAUS POMPEIA (Lodi Vecchio), ancient town, Italy, XIV. 768.
- LAUTITE, mineral, XVI. 392.
- LAUZUN, Duc de, husband of Louise d'Orléans, XVI. 793.
- LAVA, Volcanic, x. 242, 246.
- LAVABO, in architecture, II. 467.
- LAVADORES, town, Spain, XIX. 455.
- LAVAGNA, town, Italy, XIV. 350; river, XIII. 437.
- , Count of (Fiesco), Genoese conspirator, IX. 147.
- LAVAL, town, France, XIV. 350.
- LAVALETTE, Antoine de, Jesuit administrator, XIII. 654.
- LA VALLETTE, John, grand-master of the Knights Hospitallers, XXI. 174.
- LAVAL UNIVERSITY, Quebec, Canada, XX. 168.
- LAVANDULA, genus of plants, XIV. 352.
- LAVANNA, town, Sierra Leone, XXII. 45.
- LAVANT, river, England, XXII. 723.
- LAVATER, Johann Kaspar, Swiss physiognomist, XIV. 351; x. 540; XIX. 5; XXII. 798.
- LAVAU, town, France, XIV. 351.
- LA VELA, town, Venezuela, XXIV. 140.
- LAVELEYE, Émile de, economist, XIX. 395.
- LA VENDÉE, France, Insurrection in, IX. 605.
- LAVENDER, plant, XIV. 352; XII. 289.
- LAVENDULAN, mineral, XVI. 404.
- LAVENHAM, England, Beet-sugar factory at, I. 382.
- LAVENO, town, Italy, xv. 198.
- LAHEY, spa, France, XVI. 435.
- LAVINIUM, ancient town, Italy, XIV. 344.
- LAVOISIER, Antoine Laurent, French chemist, XIV. 352; v. 463; on fermentation, IX. 93.
- LAVRIENTSKI, Russian chronicle, XVII. 354.
- LAVY, bird, XI. 262.
- LAW, XIV. 354; origin of, VIII. 624; Brahmanical, XII. 782; common, VI. 208; constitutional, VI. 309; ecclesiastical, VII. 627; early English, VIII. 276; of equity, VIII. 510; international, XIII. 190; Jewish sacred, III. 634; martial, VI. 517; military, XVI. 295; Mohammedan, XVI. 591, 594; Roman, XX. 669; Salic and other barbarian laws, XXI. 212; statute, XXII. 468; administration of, in England, VIII. 261; codes of, VI. 104; Justinian's codification of, XIII. 792; costs in, VI. 452; Roman schools of, XIV. 164; Gentili on international, x. 161; Hooker's description of, XII. 152; Plato on, XIX. 210; Vico's idea of, XXIV. 212; Zachariae on, XXIV. 762; legal societies, XXII. 226.
- , St Paul's conception of the, in theology, XVIII. 424.
- , Edward, Lord Ellenborough, VIII. 146.
- , John, promoter of the Mississippi scheme, XIV. 367; IX. 584; xv. 22; opposed by D'Aguesseau, VI. 762.
- , William, English mystic, XIV. 369.
- LAWA (Laos), Indo-Chinese people, XIV. 294.
- , state, India, XX. 260.
- LAWEMAN (Layamon), Saxon chronicler, XIV. 374; VIII. 394, 408; XXI. 739.
- LAWES, Henry, English composer, XIV. 370; friend of Milton, XVI. 326.
- , Sir John, his system of cropping, I. 342; his experiments with manures, xv. 507.
- LAWN, Formation of a, XII. 248.
- LAWN-TENNIS, game, XXIII. 181.
- LAWRENCE, St, martyr, XIV. 370.
- , town, Kansas, U.S.A., XIV. 370.
- , town, Massachusetts, U.S.A., XIV. 370.
- , Lord, governor-general, India, XIV. 371; XII. 811.
- , Sir Henry Montgomery, governor-general, India, XIV. 372.
- , James, American naval officer, XXIII. 760, 789.
- LAWRENCE, Sir Thomas, English painter, XIV. 373.
- LAWS OF LABOUR, XIV. 165.
- LAWSONIA, genus of plants, XI. 654.
- LAWYERS, English, their training, XIII. 88; costume, VI. 476; order of precedence, XIX. 667.
- LAY, H. N., administrator at Shanghai, XXI. 772.
- LAYAMON, Saxon chronicler, XIV. 374; VIII. 394, 408; XXI. 739.
- LAYBACH (Laibach), town, Austria, XIV. 215; congress of (1821), XIII. 486; XVI. 201.
- LAYER MARNEY, Essex, England, Terracotta decorations at, XXIII. 195.
- LAY-FIGURE, Painter's, XVIII. 137.
- LAYNEZ, Diego, general of the Jesuits, XIII. 653.
- LAY OF THE LAST MINSTREL, Scott's poem, XXI. 547.
- LAYS OF THE SCOTTISH CAVALIERS, by Aytoun, III. 166.
- LAY TORPEDO, XXIII. 451.
- LAXEY, Isle of Man, Mines at, xv. 451.
- LAXISTS, in casuistry, XIV. 636.
- LAZARETTO, quarantine establishment, XX. 154, 157.
- LAZAR GREBLIANOVICH, king of Servia, XXI. 689.
- LAZARILLO DE TORMES, Mendoza's novel, XVI. 10.
- LAZARITES, Lazarists, or Lazarians, order of priests, XIV. 374; XVI. 713.
- LAZARUS, St, Order of, XIV. 374.
- of Beth Kandasa, Syriac writer, XXII. 841.
- BAR SABHETHA, Syriac writer, XXII. 846.
- LAZHECHNIKOFF, Ivan Ivanovitch, Russian novelist, XXI. 107.
- LAZULI-FINCH, bird, XVII. 534.
- LAZULITE, mineral, XVI. 406.
- LAZY-TONGS, Mechanism of, xv. 697.
- LAZZARI, Bramante, Italian architect, IV. 213.
- , Maria Dominica, Stigmata of, XXII. 550.
- LÉ, town, Tibet, XIV. 197.
- LEA, standard measure of flax yarn, XIV. 666.
- , river, England, XI. 771; XVI. 279.
- , Matthew Carey, his contributions to photography, XVIII. 828.
- LEAD, metal, XIV. 374; XVI. 58, 382, 465; as chemical element, v. 531; cyanide of, XX. 23; as a poison, VI. 140; XIX. 278; alloy in gold assaying, II. 725; spectrum of, XXII. 376; strength of, XXII. 603; deposits or mines, in Ireland, XIII. 218; in Spain, I. 593; XIV. 653; XXII. 301; in Missouri, U.S.A., XVI. 525; production of, XVI. 467; production in England, VIII. 228; production in United States, XXIII. 817.
- , Black, XIX. 230.

- LEAD, White, XIX. 86.
 LEAD-COLIC, disease, XVIII. 407.
 LEADENHALL MARKET, London, XIV. 829.
 LEADHILLITE, mineral, XVI. 399.
 LEAD, KINDLY LIGHT, Cardinal Newman's hymn, XII. 595.
 LEAD PALSY, disease, XVIII. 257.
 LEAD PENCILS, XVIII. 490; XIX. 231.
 LEAD-SPAR, mineral, XVI. 398.
 LEADVILLE, town, Colorado, U.S.A., XIV. 379; XVI. 470; XXIII. 815.
 LEAF BUDS, in plants, IV. 96.
 LEAGUE, measure of distance, XXIV. 485.
 —, the Catholic, of France, IX. 562; XVIII. 745; the Holy, against the Turks (1571), XIII. 717; XIX. 154; XXIII. 644; the Swabian, XXII. 789; XXIV. 702; Swiss leagues, XXII. 781, 783.
 LEAK, in a vessel, XXI. 601.
 LEAKE, William Martin, English antiquarian topographer, XIV. 379.
 LEAMINGTON, town, England, XIV. 380.
 LEANDER, of Greek legend, XI. 754.
 — (J. H. van Ess), German theologian, VIII. 549.
 LEANE, Lough, Killarney, Ireland, XIV. 76.
 LEAOU-TUNG, province, Manchuria, XV. 466.
 LEAOU-YANG, town, Manchuria, XIV. 504; XV. 466.
 LEAPING, in ancient games, X. 64; in modern gymnastics, XI. 350.
 LEAP YEAR, of the calendar, IV. 666.
 LEAR, Edward, illustrator of birds, XVIII. 12.
 LEASE, in law, XIV. 273; agricultural, I. 294, 407, 411.
 LEASEHOLD, in England, XIV. 264.
 LEASING-MAKING, in Scots law, XXIII. 529.
 LEASOWE CASTLE, Cheshire, England, XXIV. 328.
 LEATHER, XIV. 380; stamped, for wall decoration, XVII. 37.
 —, Artificial, XIV. 391.
 LEAVEN, ferment in dough, III. 254.
 LEAVENWORTH, town, Kansas, U.S.A., XIV. 391.
 LEAVES, of plants, IV. 108.
 LEBANON, mountains, Syria, XIV. 392.
 —, province, Asiatic Turkey, XXII. 821; XXIII. 653.
 —, town, Pennsylvania, U.S.A., XIV. 395.
 —, Cedar of, tree, V. 285.
 — SPRINGS, New York, U.S.A., XVI. 436.
 LEBAR GABHALA, Irish legends, XIII. 243.
 LEBBIN, town, Prussia, XXIV. 633.
 LEBDA (ancient Leptis), town, Tripoli, Africa, XIV. 470.
 LE BEAU, Charles, French historian, XIV. 395.
 LEBEDIN, town, Russia, XIV. 396.
- LEBEDYAN, town, Russia, XIV. 396; XXIII. 41.
 LEBEN JESU, Strauss's, XXII. 591.
 LEBERBERG, or Jura, mountain range, France, XIII. 782.
 LEBES, in ancient pottery, XIX. 614.
 LEBRETON, André François, printer of the French Encyclopédie, VIII. 197.
 LEBRIJA, or Lebrixa, town, Spain, XIV. 396; XXI. 708.
 LEBRON, French missionary in Paraguay, XVIII. 245.
 LE BRUN, Charles, French painter, XIV. 396.
 LEBRUN, Charles François, third consul, France, IX. 613; XVII. 203.
 LE CATEAU, town, France, V. 219.
 LECCE, town, Italy, XIV. 396.
 LECCO, town, Italy, XIV. 397.
 —, Lake of, VI. 220.
 LECHER, E., on radiation, XX. 217.
 LECHLADE, town, England, XXIII. 220.
 LECHMERE, Sir Edmund, restorer of St John's Hospice, XXI. 175.
 LECHS, or Lekhs, ancient people, Poland, XIX. 285.
 LECITHIN, fatty substance in nerves, XIX. 24.
 LE CLERC, Jean, Swiss theologian and writer, XIV. 397.
 LE CONTE, Joseph, on the stereoscope, XXII. 539.
 LECOUVREUR, Adrienne, French actress, XXI. 346.
 LECTIO, LECTONARIUM, LECTONARY, XIV. 397; XVI. 508.
 LECTISTERNIA, Roman religious feast, XXI. 133.
 LECTORS, minor order of Roman Catholic Church, XIV. 397; XVII. 820.
 LECTURES, Copyright in, VI. 360.
 LECYTHUS, in ancient pottery, XIX. 614.
 LECZINSKI, or Leszcynski, Stanislas, prince of Lorraine and king of Poland, IX. 585; XVII. 171; XIX. 297; XXII. 450.
 LEDA, in Greek legend, V. 199.
 LEDERMÜLLER, Martin F., German zoologist, XXIV. 806.
 LEDGER, in book-keeping, IV. 46.
 LEDRU-ROLLIN, Alexandre Auguste, French politician, XIV. 398.
 LEDYARD, John, American traveller, XIV. 399.
 LEE, river, Ireland, VI. 403.
 —, Ann, foundress of Shaker sect, XXI. 736.
 —, Charles, American general, XXIII. 741, 742.
 —, Nathaniel, English dramatist, XIV. 399; VII. 435.
 —, Richard Henry, American statesman, XIV. 399; XXIII. 743.
 —, Robert, Scottish divine, XXI. 539.
 —, Robert Edward, American Confederate general, XIV. 399; XXIII. 777, 780.
 —, William, inventor of the stocking-frame, XII. 299.
- LEEAMBYE, river, Central Africa, XXIV. 765.
 LEECH, annelid, XIV. 400; II. 69; touch organs in, XXIII. 478.
 —, John, English caricaturist, XIV. 405; V. 105.
 LEECHDOMS, Anglo-Saxon, mediæval chronicle, XV. 806.
 LEEDS, town, England, XIV. 406; libraries of, XIV. 521, 543; newspapers, XVII. 421; representation, XXIV. 748; Yorkshire College at, XXIII. 854.
 — CASTLE, Kent, England, XIV. 40.
 LEEK, vegetable, XIV. 409; XII. 284.
 —, town, England, XIV. 409.
 LEEITE, mineral, XVI. 419.
 LEEM, Knud, Norse missionary and philologist, XVII. 590.
 LEER, town, Germany, XIV. 410.
 LEE'S OBSERVATORY, Hartwell, England, XVII. 711.
 LEEUWARDEN, town, Holland, XIV. 410.
 LEEUWENHOEK, Anthony van, Dutch microscopist, XIV. 410; his contributions to microscopical anatomy, XXIV. 815; on crystals, VI. 672; his use of the microscope, I. 812; his discovery of Rotifera, XXI. 4.
 LEEWARD ISLANDS, West Indies, XXIV. 510; III. 749.
 LEEWAY, in navigation, XVII. 264.
 LEFÈVRE, Anne (Madame Dacier), French scholar, VI. 759.
 — (Faber), Jacobus, theologian, VIII. 835.
 — (Faber), Johann, Malleus Hæreticorum, VIII. 835.
 —, Raoul, French romancist, XX. 640.
 LEFKOSIA, town, Cyprus, VI. 748; XVII. 491.
 LEFORT, French astronomer, XIV. 776; XXIII. 10.
 LEFUKA, island, South Pacific, IX. 779.
 LEG, of birds, III. 720; of mammals, XV. 360.
 LEGACY DUTIES, IX. 186; XXII. 616.
 LEGAL FICTIONS, IX. 140.
 LEGARÉ, H. Swinton, American critic, I. 723.
 LEGATE, Papal, XIV. 412.
 LEGAZPI, Miguel Lopez de, Spanish navigator, XVIII. 753.
 LEGENDA, church service book, XIV. 710.
 LEGENDRE, Adrien Marie, French mathematician, XIV. 413; on the calculus, XIII. 62; his mathematical tables, XXIII. 14.
 LEGENDS, in folklore, IX. 358; their place in ethnology, VIII. 623; Irish, XIII. 243.
 — OF SAINTS, Barbour's poem, III. 365.
 LÉGER, Jean, Waldensian pastor, XXIV. 325.
 LEGER BURNER, for lamp, XIV. 245.

- LEGERDEMAIN, sleight of hand, XIV. 414; XV. 207.
- LEGHORN, town, Italy, XIV. 416; under the Medici, XV. 791; hat trade of, XXII. 593.
- LEGION, division of Roman army, II. 562; XX. 735.
- LEGIONARIES, Roman soldiers, XIX. 656.
- LEGION OF HONOUR, Order of the, XIV. 417; IX. 517, 615.
- LEGISLATION, XIV. 354, 359, 366; in relation to government, XI. 16; British parliamentary, XVIII. 311; Roman, XX. 697; of United States, XXIII. 749.
- , Science of, Filangieri's work, IX. 159.
- LEGITIM, in Scots law, XII. 402.
- LEGITIMACY, in law, III. 426.
- LEGNAGO, town, Italy, XX. 145.
- LEGUAN, lizard, XIV. 735.
- LEGUME, or Pod, form of fruit, IV. 151.
- LEGUMINOUS CROPS, Culture of, I. 360.
- LEHIGH, river, Pennsylvania, U.S.A., XVIII. 500.
- UNIVERSITY, U.S.A., XXIII. 857.
- LEIAH, town, India, XIV. 417.
- LEIBNITZ, Gottfried Wilhelm, German mathematician and philosopher, XIV. 417; on axioms, III. 160; on evolution, VIII. 748, 760; on infinitesimal calculus, XIII. 8; his influence on German writers, X. 532; his logic, XIV. 794; his metaphysics, XVI. 91; his optimism, XVIII. 686; his influence on Kant, XIII. 848; his relations with Newton, XVII. 445; his criticism of Pufendorf, XX. 100.
- LEIBZOLL, German tax on Jews, XIII. 682.
- LEICESTER, county, England, XIV. 423; population and representation, XXIII. 727; coalfield, VI. 50; sheep, I. 391.
- , town, England, XIV. 424.
- , Robert Dudley, earl of, XIV. 425; in Holland, XII. 77.
- , Simon de Montfort, earl of, XVI. 787; XI. 658; XVIII. 304.
- LEICESTER'S COMMONWEALTH, pamphlet by Parsons, XIV. 426.
- LEICESTER SHEEP, I. 391; improved by Bakewell, I. 302.
- LEICHARDT, Ludwig, Australian explorer, III. 105.
- LEIDEN (Leyden, *q.v.*), town, Holland, XIV. 494.
- LEIF, or Lief, early Greenland voyager, I. 706; XI. 171.
- LEIGH, town, England, XIV. 426.
- , Edward, Puritan Biblical critic, XIV. 426.
- LEIGHTON, Sir Frederick, as sculptor, XXI. 561.
- , Robert, bishop of Dunblane, XIV. 427.
- LEIGHTON-BUZZARD, town, England, XIV. 429.
- LEINSTER, early Irish kingdom, XIII. 245.
- , province, Ireland, XIII. 215.
- , Book of, Irish MS., v. 307, 326.
- LEIPSIC, or Leipzig, town, Germany, XIV. 429; XXI. 358; book trade at, IV. 40; conservatorium of music at, VI. 292; library, XIV. 527, 546; newspapers, XVII. 428; observatory, XVII. 713; university, XXIII. 841, 843, 849; battle of (1813), III. 135, 444; IX. 617; XVII. 221; disputation between Luther and Eck at, XV. 73.
- LEISLER, Jacob, insurgent leader, New York, XVII. 455.
- LEITH, town, Scotland, XIV. 431; population, XXI. 528.
- HILL, Surrey, England, XXII. 693.
- LEITMERITZ, town, Bohemia, XIV. 432.
- LEITRIM, county, Ireland, XIV. 432; population and representation, XXIII. 727.
- LEK, river, Holland, XII. 63; XX. 519.
- LEKAH TOB, Midrash, XVI. 287.
- LEKHS, ancient people, Poland, XIX. 285.
- LEKI, Caucasian tribes, XIV. 474.
- L.E.L. (Letitia Elisabeth Landon), English poetess, XIV. 278.
- LELAND, John (c. 1506–1552), English antiquary, XIV. 433.
- , John (1691–1766), English theologian, XIV. 433.
- LELEGES, Greek race of people, XIV. 434; XVI. 53.
- LELEWEL, Joachim, Polish historian, XIV. 434; XIX. 304.
- LÉLIE, George Sand's novel, VII. 509.
- LELLI, Camillo de', founder of monastic order, XVI. 712, 716.
- LE LOCLE, town, Neuchâtel, Switzerland, XIV. 764; XVII. 361.
- LELY, Sir Peter, English painter, XIV. 434.
- LEMAN, Lake (Geneva, *q.v.*), Switzerland, X. 151.
- LEMANIC REPUBLIC, The, XXII. 793.
- LE MANS, town, France, XV. 497.
- LEMBERG, town, Austria, XIV. 435; libraries of, XIV. 547; university, XXIII. 851.
- , mountain, Würtemberg, XXIV. 699.
- LE MERCIER, Jean, French Hebraist, XI. 601.
- LEMMING, rodent mammal, XIV. 435; XV. 419.
- LEMNOS, island, Ægean Sea, Turkey, XIV. 436; fire festival of, IV. 621.
- LEMON, tree and fruit, XIV. 437.
- LEMONADE, aerated water, I. 184.
- LEMONNIER, Pierre Charles, French astronomer, XIV. 439.
- LEMON PEEL, Candied, XIV. 438.
- LEMOSI, Provençal and Catalan language, XXII. 347, 363.
- LEMOYNE DE BIENVILLE, Jean Baptiste, founder of New Orleans, XVII. 403.
- LEMPA, river, San Salvador, Central America, XXI. 268.
- LEMUR, LEMURS, group of mammals, XIV. 440; XV. 444.
- , Flying, insectivorous mammal, XV. 401.
- LEMURALIA, in Roman festival, XIV. 313.
- LEMURES, in Roman legend, XIV. 313.
- LEMURIDÆ, family of mammals, XIV. 440; XV. 170.
- LEMURINE NIGHT APE, II. 154.
- LENA, river, Siberia, XXII. 5; XXIII. 510; XXIV. 726.
- LE NAIN, Antoine, Louis, and Mathieu, French painters, XVII. 166.
- LENAU (Nicholas Strehlenau), Austrian poet, X. 546.
- LENCLOS, Ninon de, Frenchwoman of society, XIV. 445.
- LENDERMENN, Norse rulers, XVII. 585, 589.
- LENFANT, Jacques, French ecclesiastical historian, XIV. 445.
- LENGTH, Mensuration of, XVI. 13; standards of, XXIV. 483.
- LENKORAN, town, Transcaucasia, Russia, XIV. 446.
- LENNEP, town, Germany, XIV. 446.
- , Jacob van, Dutch poet and novelist, XIV. 446; XII. 98.
- LENNGREN, Anna Maria, Swedish poetess, XXII. 756.
- LENNOACEÆ, parasitic plants, XVIII. 264.
- LENNOX, Earls of, regents of Scotland, XIII. 558; XXI. 506, 507.
- HILLS, Scotland, XXII. 553.
- LENNOXTOWN, town, Scotland, XXII. 554.
- LENNOXVILLE, Canada, University at, XXIII. 857.
- LENO, textile fabric, X. 118.
- LENOIR GAS-ENGINE, XXII. 523.
- LENORE, Bürger's poem, X. 540; IV. 533.
- LE NORMANT D'ÉTOILES, French financier, XIX. 443.
- LENOX GLOBE, X. 680.
- LENOX LIBRARY, New York, XIV. 536.
- LENS, town, France, XVIII. 340; battle of (1648), IX. 571.
- LENSES, in optics, XIV. 593; XVII. 802; XXIV. 436; convex and concave, XXIII. 139; microscopic, XVI. 258; spectacles, XXII. 372.
- LENT, church festival, XIV. 446; observance of, IX. 47.
- LENTICELS, structures in plants, XII. 18.
- LENTIL, seed and plant, XIV. 447.
- LENTINI (Leontini), ancient town, Sicily, XIV. 463.
- LENTISK, tree, XV. 621.
- LENTIUM (Linz), Roman station, Austria, XIV. 679.
- LENZ, Heinrich F. E., his theory of oceanic circulation, III. 22; his law of XXV. — 33

- electric induction, VIII. 11, 76; his magnetic experiments, XV. 253.
- LENZINITE, mineral, XVI. 424.
- LEO I., pope, XIV. 448; XIX. 491.
- II., pope, XIV. 448.
- III., pope, XIV. 449; XIX. 496; XX. 786.
- IV.-VII., popes, XIV. 449.
- VIII., pope, XIV. 449; XX. 789.
- IX., pope, XIV. 449; XIX. 498.
- X., pope, XIV. 450; XIII. 481; XV. 787; XX. 324; Michelangelo's works for, XVI. 233.
- XI., pope, XIV. 452; XIX. 505.
- XII., pope, XIV. 452; XIX. 508.
- I., the Great, emperor of the East, XIV. 452.
- II., emperor, XIV. 452.
- III., the Isaurian, emperor, XIV. 452; XI. 114; as iconoclast, XII. 712.
- V., the Armenian, emperor, XIV. 453.
- VI., the Philosopher, emperor, XIV. 453; III. 419.
- , Johannes (Leo Africanus), Moorish writer, XIV. 453.
- , Leonardo, Italian musician, XVII. 93.
- DIACONUS, Byzantine historian, IV. 613.
- LEOBEN, Austria, Preliminaries of (1797), IX. 610; XVII. 198.
- LEOBSCHÜTZ, town, Prussia, XIV. 453.
- LEOCHARIS, Greek sculptor, XIV. 453.
- LEOCORIUM, sacred shrine, Athens, III. 2.
- LEODIUM (Liège), ancient town, Belgium, XIV. 568.
- LEOMINSTER, town, England, XIV. 454.
- LEON, Kingdom of, Spain, XXII. 311.
- , province, Spain, XIV. 454; XXII. 298; dialect of, XXII. 351.
- , town, Spain, XIV. 454.
- , town, Mexico, XIV. 455.
- , town, Nicaragua, XIV. 455; XVII. 477.
- , Luis Ponce de, or Fray Luis de, Spanish poet and religious writer, XIV. 455; XXII. 357, 360.
- , Moses de, writer of Book of Zohar, XIII. 814.
- LEONARDO of Pisa, Italian mathematician, XIX. 124; XVII. 626; introducer of algebra into Europe, I. 512.
- DA VINCI, Italian artist and man of science and letters, XIV. 455; XIII. 508; XXI. 437, 569.
- LEONHARDITE, mineral, XVI. 422.
- LEONIDAION, building at Olympia, Greece, XVII. 768.
- LEONIDAS, king of Sparta, XIV. 462.
- of Alexandria, Greek poet, XIV. 462.
- of Tarentum, Greek poet, XIV. 462.
- LEONIDES, Roman surgeon, XXII. 675.
- LEONIDS, November meteors, XVI. 110.
- LEONISTS, Reformers of 12th century, XX. 321.
- LEONORA, regent of Portugal, XIX. 543.
- D'ESTE, friend of Tasso, XXIII. 76.
- LEONORE, Bürger's poem, IV. 533; X. 540.
- LEONTINI, town, Sicily, XIV. 463; XXII. 15, 17.
- LEONTIUS, emperor of the East, XIII. 798.
- LEONTODONIUM, principle in taraxacum, XXIII. 61.
- LEOPARD, carnivorous mammal, XIV. 463; XV. 435; of India, XII. 741; of Java, XIII. 603.
- , Hunting, or Cheetah, V. 456.
- LEOPARDI, Alessandro, Italian sculptor, XXI. 568; XXIV. 176.
- , Giacomo, Italian poet, XIV. 464; XIII. 515; his pessimism, XVIII. 689.
- LEOPOLD I., emperor, XIV. 466; X. 502.
- II., emperor, XIV. 467.
- I., duke of Anhalt-Dessau, XIV. 467.
- III., duke of Austria, his war with Switzerland, XXII. 783, 784.
- I., king of the Belgians, XIV. 467; III. 528, 530.
- , Prince, of Hohenzollern, IX. 626; XXII. 346.
- , Karl Gustaf, Swedish poet, XXII. 756.
- LEOPOLDINE ACADEMY, Vienna, I. 77.
- LEOPOLDSTADT, part of Pesth, Hungary, XVIII. 691.
- , suburb of Vienna, XXIV. 219.
- LEOPOLDVILLE, town, on Congo river, Africa, XXIV. 765.
- LEOPOLIS (Lemberg), ancient town, Austria, XIV. 435.
- LE PALAIS, town, France, XVI. 813.
- LEPANTO, town, Greece, XIV. 467; battle of (1571), V. 348; XI. 121; XIII. 717; XXIII. 644; XXIV. 145.
- , Gulf of, Greece, XI. 82.
- LEPCAS, Nepalese race, XVI. 341.
- L'ÉPÉE, Abbé de, on teaching deaf-mutes, VII. 7.
- LEPEL, town, Russia, XXIV. 262.
- LEPER-HOUSES, XIV. 469.
- LEPERS, Order for the Succour of, XIV. 374.
- LEPIDOLITE, mineral, XIV. 697; XVI. 413.
- LEPIDOMELANE, mineral, XVI. 413.
- LEPIDOPTERA, order of insects, IV. 592; XIII. 150; mimicry in, XVI. 343.
- LEPIDOSIREN, genus of fishes, XIV. 468.
- LEPIDOSTOIDEI, suborder of fishes, XII. 687.
- LEPIDUS, M. Æmilius, Roman triumvir, XIV. 468; XX. 768.
- , M. Æmilius, Roman consuls, XIV. 468; XIX. 451.
- LEPILEMUR, genus of lemurs, XIV. 442.
- LEPOLITE, mineral, XVI. 420.
- LEPONTII, Rhetian people, XX. 505.
- LEPONTINE ALPS, I. 626.
- LEPORIDÆ, family of rodent mammals, XV. 421.
- LE PRESE, spa, North Italy, XXIV. 45.
- LEPROSY, disease, XIV. 468; XVIII. 406; XXII. 122.
- LEPTINES, Demosthenes's oration against, VII. 69; Wolf's commentary on it, XXIV. 630.
- LEPTIS (Lebda), ancient town, Tripolis, Africa, XIV. 470.
- LEPTOCARDII, subclass of fishes, XII. 695.
- LEPTOPTILUS, genus of birds, XIII. 529.
- LEPTOSOMUS, genus of birds, XX. 627.
- LEPTOTHRIX, genus of Schizomycetes, XXI. 399.
- LEPUS, genus of rodent mammals, XI. 476; XX. 192.
- LE PUY, town, France, XX. 118.
- LERBACHITE, mineral, XVI. 393.
- LÉRIDA, province, Spain, XIV. 470.
- , town, Spain, XIV. 470; university of, XXIII. 839.
- LERINS, islands, France, IV. 807.
- LERMA, Duke of, Spanish statesman, XVIII. 746; XXII. 330.
- LERMONTOFF, Mikhail Yurevitch, Russian poet and novelist, XIV. 471; XXI. 96, 107.
- LE ROMAIN, Pierre Mignard, French painter, XVI. 289.
- LEROUX, Pierre, French philosopher and politician, XIV. 471.
- LE ROY, Julien David, on the monuments of Athens, II. 444.
- LE ROY'S ELECTRICAL MACHINE, VIII. 101.
- LERWICK, town, Shetland, Scotland, XVII. 848.
- LE SAGE, Alain René, French novelist and dramatist, XIV. 472; IX. 666.
- LE SAGE, Georges Louis, on the cause of gravitation, III. 46.
- LES ANDELYS, town, France, II. 13.
- LESBIA, of Catullus, V. 248.
- LESBIO-ÆOLIC DIALECT, of Greek, XI. 132.
- LESBOS, island, Ægean Sea, Asia Minor, XIV. 474; coins of, XVII. 646.
- LESCHIANS, or Lesghis, Caucasian tribes, XIV. 474; V. 258.
- LESHKOFF, Russian historian, XXI. 108.
- LESLEY, or Leslie, Charles, Irish non-juror, XIV. 476.
- , John, bishop of Ross, Scottish historian and statesman, XIV. 475; XXI. 542.
- LESLIE, Alexander, earl of Leven, Scottish general, XIV. 485; XXI. 512.
- , Charles, Irish non-juror, XIV. 476.
- , Charles Robert, English painter, XIV. 476.
- , David, Lord Newark, Scottish general, XVII. 371; XXI. 514.

- LESLIE, Sir John, Scottish scientist, XIV. 476; on radiation of heat, XX. 213; his explanation of capillary action, V. 57.
—, Thomas Edward Cliffe, political economist, XIV. 477; XIX. 397.
- L'ESPAGNOLS-SUR-MER, Battle of (1350), XVII. 280.
- L'ESPINASSE, Claire Françoise de, friend of D'Alembert, VI. 775; IX. 668.
- LES ROCHERS, Madame de Sévigné's country seat, France, XXI. 705; XXIV. 263.
- LES ROUSSES, fort, France, XIII. 782.
- LESSEPS, Ferdinand, promoter of Suez Canal, IV. 790.
- LESSING, Gotthold Ephraim, German philosopher, XIV. 478; X. 536; on the theory of art, I. 219; his influence on the German drama, VII. 441; his fables, VIII. 839; as satirist, XXI. 320.
- LESSON, René Primevère, on birds, XVIII. 13.
- LESSONIA, genus of Algæ, I. 509.
- L'ESTRANGE, Louis Henri, abbot of La Trappe, XXIII. 524.
— Sir Roger, English pamphleteer, XIV. 482; XVIII. 205; surveyor of the English press, XVII. 414.
- LE SUEUR, Eustache, French painter, XXII. 619.
- LESUEUR, Jean François, French musical composer, XIV. 483.
- LESZCZYNSKI, or Leczynski, Stanislaw, king of Poland, IX. 585; XVII. 171; XIX. 297; XXII. 450.
- LE TAI-PIH, Chinese poet, v. 666.
- LE TELLIER, Michel, French minister under Louis XIV., IX. 574.
- LETHE, in Greek mythology, XIV. 483.
- LETHENDY CASE, in Church of Scotland, V. 377.
- LETHINGTON, Lord, Scottish lawyer and poet, XV. 308.
- LETITCHEFF, town, Russia, XIX. 254.
- LETO, in Greek mythology (the Roman Latona), II. 185; XIV. 345.
—, Pomponio, Roman scholar, XX. 806.
- LETRONNE, Jean Antoine, French archæologist, XIV. 483.
- LETTER-COPYING PRESS, XXIV. 414.
- LETTERKENNY, town, Ireland, VII. 362.
- LETTERS, Conveyance of, XIX. 562; copyright in, VI. 360.
— OF JUNIUS, XIII. 775.
— TO HIS SON, Chesterfield's, V. 607.
- LETTISH LANGUAGE, Dictionaries of, VII. 188.
- LETTRES DE CACHET, XIV. 484; Mirabeau's, XVI. 493.
- LETTRES DE LA MONTAGNE, by Rousseau, XXI. 16.
- LETTRES PERSANES, Montesquieu's, XVI. 782.
- LETTES, tribes, Lithuania, XIV. 701, 724; XXII. 148.
- LETTOMITE, mineral, XVI. 402.
- LETTUCE, garden vegetable, XII. 284.
- LEUCADIA, one of the Ionian Islands, Greece, XIV. 205; XXI. 297.
- LEUCATE, lagoon, France, XX. 128.
- LEUCHTENBERGITE, mineral, XVI. 414.
- LEUCIPPE AND CLEITOPHON, Greek romance, XX. 636.
- LEUCIPPUS, Greek philosopher, XIV. 484.
- LEUCISCUS, genus of fishes, XX. 582; XXI. 49; XXIV. 552.
- LEUCITE, mineral, X. 228; XVI. 412.
- LEUCKART, Karl G. F. Rudolf, on classification of parasites, XVIII. 261; on the tapeworm, XXIII. 50; his zoological classification, XXIV. 809.
- LEUCOCYTHÆMIA, disease, XVIII. 376.
- LEUCOCYTOSIS, disease, XVIII. 376.
- LEUCODERMA, skin disease, XXII. 122.
- LEUCONARIA, tribe of sponges, XXII. 422.
- LEUCOPATHIA, or Albinism, skin affection, I. 455.
- LEUCOPHANE, mineral, XVI. 418.
- LEUCOPYRITE, mineral, XVI. 390.
- LEUCOSTICTE, genus of birds, XIV. 675.
- LEUCTRA, Greece, Battle of (371), VIII. 456; XI. 103.
- LEUK, village, Switzerland, XIV. 484; mineral water of, XVI. 433, 435.
- LEUKÆMIA, disease, XVIII. 376.
- LEUKOPHIBIA (Whithorn), Roman station, Scotland, XVIII. 411; XXIV. 563.
- LEUPICHIS, ancestor of Paulus Diaconus, XVIII. 436.
- LEUPOLD, Jacob, inventor of non-condensing steam-engine, XXII. 476.
- LEUTHAR, leader of the Alemanni, XVII. 233.
- LEUTHEN, Prussian Silesia, Battle of (1757), III. 128.
- LEUTHOLF, or Ludolf, Hiob, German Orientalist, XV. 59.
- LEUTSCHAU, town, Hungary, XIV. 485.
- LEUWARDEN, or Leeuwarden, town, Holland, XIV. 410.
- LEUWENHOEK, or Leeuwenhoek (*q.v.*), Anthony van, Dutch microscopist, XIV. 410.
- LEVADIAS, disease, in Cape Verd Islands, V. 51.
- LE VAILLANT, François, on birds, XVIII. 8, 11.
- LEVANT, countries bordering on Eastern Mediterranean, II. 703.
— COMPANY, XXI. 827.
— SPONGE, XXII. 423.
- LEVEES, of Mississippi river, XVI. 520.
- LEVELLING, in surveying, XXII. 707; instrument for, XXII. 720.
- LEVELS, in mining, XVI. 448.
- LEVEN, Earl of (Alexander Leslie), Scottish general, XIV. 485.
- LEVENTINA, valley, Switzerland, XXII. 785; XXIII. 351.
- LÉVÊQUE, Charles, on the beautiful, I. 213, 220.
- LEVER, Charles, Irish novelist, XIV. 485.
— BALANCE, III. 262.
— ESCAPEMENT, of watch, XXIV. 396.
- LEVERRIER, Urbain Jean Joseph, French astronomer, XIV. 486; his share in the discovery of the planet Neptune, II. 813; on the solar parallax, XVIII. 246.
- LEVI, of Scripture, son of Jacob, XIV. 487; tribe of, XIII. 400.
- LEVIATHAN, Hobbes's work, VIII. 422; XII. 35.
- LEVIN, Rahel Antonie, wife of Varnhagen von Ense, XXIV. 91.
- LEVIS, town, Canada, XIV. 487; XX. 167.
- LEVITES, of Scripture, XIV. 487; XIII. 418; XIX. 728.
- LEVITICAL CITIES, of Israel, XIV. 489.
- LEVITICUS, Book of, XVIII. 505.
- LEVULOSE, or Levulose, in chemistry, IX. 96; XII. 136; XXII. 624.
- LÉVY, Armand, on crystallographic symbols, VI. 675.
- LEVYNE, mineral, XVI. 422.
- LEW-CHEW ISLANDS, North Pacific Ocean, XIV. 489; XIII. 570.
- LEWES, town, England, XIV. 490; XXII. 725.
—, George Henry, English writer, XIV. 491; on evolution, VIII. 765.
- LEWIN, Harriet, wife of George Grote, XI. 213, 216.
- LEWIS, kings of France. See Louis.
—, or The Lews, part of island, Hebrides, Scotland, XIV. 492; XX. 854.
—, Sir George Cornewall, English writer and statesman, XIV. 492.
—, Matthew Gregory, English writer, XIV. 493.
—, Meriwether, American explorer, XIV. 494.
—, William, English chess-player, V. 601.
- LEWISTON, town, Maine, U.S.A., XIV. 494.
- LEX, in Roman law, XX. 670.
- LEXEL'S COMET, II. 814.
- LEXIAS, variety of Spanish raisins, XX. 258.
- LEXICON, LEXICOGRAPHY, VII. 180.
— TECHNICUM, Harris's, XI. 493.
- LEXINGTON, town, Kentucky, U.S.A., XIV. 494; battle of (1775), XXIII. 740.
—, town, Missouri, U.S.A., XIV. 494.
—, town, Virginia, U.S.A., XIV. 494.
- LEXIPHANES, Lucian's dialogue, XV. 43.
- LEXOVII, tribe, ancient Gaul, XIV. 693.
- LEX REX, Rutherford's work, XXI. 112.
- LEYDEN, town, Holland, XIV. 494; in

- time of Scaliger, XXI. 364; libraries, XIV. 531; medical school, XV. 812; observatory, XVII. 715; university, XXIII. 850.
- LEYDEN, John, Scottish poet, XIV. 495.
- JAR, electrical apparatus, VIII. 5, 6, 7, 34; explained by Allamand, I. 579.
- LEYLAND, John, English antiquary, XIV. 433.
- LEYTE, island, Philippines, XVIII. 752.
- LHASA, town, Tibet, XIV. 496; population, XXIII. 344.
- L'HERMINIER, Félix Louis, on birds, XVIII. 21.
- LHERZOLITE, mineral, XVI. 416.
- LHOBRA, district, Tibet, XXIII. 341.
- L'HÔPITAL, or L'Hospital, Michel de, chancellor of France, XIV. 503; IX. 560.
- LHOTA, Bohemia, Synod of (1467), XVI. 811.
- LHOYUL, district, Tibet, XXIII. 340.
- LHUYD, Edward, on Celtic philology, V. 299.
- LI, Chinese books of rites and ceremonies, VI. 263.
- LIABILITY, Limited and Unlimited, VI. 222; in partnership, XVIII. 330.
- LIA FAIL, coronation stone, Scotland, XXI. 51.
- LIAKHOFF, Russian Arctic explorer, XIX. 318.
- LIARD, Canadian tree, XIX. 512.
- LIAS, geological system, X. 354.
- LIAU-YANG, town, China, XIV. 504.
- LIBANIUS, Greek sophist, XIV. 504.
- LIBANUS, Libanos, or Lebanon, mountains, Syria, XIV. 392; XXII. 821; XXIII. 654.
- LIBATIONS, Religious, XXI. 133.
- LIBAU, town, Russia, XIV. 504.
- LIBAVIUS, Andreas, on chemistry, V. 460.
- LIBEL, in law, XIV. 505.
- LIBELLULIDÆ, family of insects, VII. 386.
- LIBER, Roman deity, XIV. 507.
- LIBERA, Roman deity, XIV. 507.
- LIBER ALBUS, of Edward I., I. 167.
- LIBERALIA, Roman festival, XIV. 508.
- LIBERALISM, in relation to the Renaissance, XX. 394.
- LIBERAL PARTY, English political party, XXIV. 540.
- LIBER DE WINTONIA, or Domesday Book, VII. 349.
- LIBERIA, republic, West Africa, XIV. 508; I. 269.
- LIBERIAN GROUP, of Negroes, XVII. 319.
- LIBERIUS, pope, XIV. 509; XIX. 490.
- LIBER REGALIS, English book, VI. 430.
- LIBER STUDIORUM, Turner's work, XXIII. 664.
- LIBERTAD, town, Nicaragua, Central America, XVII. 477, 479.
- LIBERTY, Natural, doctrine of the physiocrats, XIX. 360.
- OF THE PRESS, XIX. 710.
- LIBERUM VETO, Polish statute, XIX. 290, 294.
- LIBETHENITE, mineral, XVI. 405.
- LIBICI, Ligurian tribe, Italy, XIV. 639.
- LIBOURNE, town, France, XIV. 509.
- LIBRA, ancient Roman coin, XVII. 655.
- , Roman weight, XXIV. 488.
- LIBRARIAN, Office and duties of, XIV. 536, 540.
- LIBRARIES, XIV. 509 (with lists, 542); classification of books in, III. 661; garrison, of British army, II. 586.
- LIBRARY MANAGEMENT, XIV. 536.
- LIBRATION, Lunar, II. 800.
- LIBRI, on artistic bookbinding, IV. 41.
- LIBURNIANS, ancient people, on Adriatic coasts, XIV. 551.
- LIBYA, ancient territory, North Africa, XIV. 551.
- LIBYAN DESERT, North Africa, XXI. 150; XXIII. 575; oases of, XVII. 695.
- LIBYAN LANGUAGE, XVIII. 778.
- LICATA, or Alicata, seaport, Sicily, I. 574; XXII. 31.
- LICE, human parasites, XV. 24; XXII. 123.
- LICENSING ACT (1872), on adulterations, I. 167.
- LICENSING LAWS, XIV. 688; XXIII. 159; in relation to Sabbath observance, XXII. 656.
- LICHE (Latakia), town, Syria, XIV. 323.
- LICHEN, XIV. 552. See Lichens.
- , skin disease, XXII. 122.
- LICHENES, or Lichens (*q.v.*), suborder of Fungi, IX. 834.
- LICHENINE, gelatin in lichens, XIV. 558.
- LICHENS, group of plants, XIV. 552; XXIV. 128; vegetative organs of, IV. 107; parasitic forms, XVIII. 266; reproduction in, IV. 162; XX. 423; herbarium for, XI. 718.
- LICHFIELD, town, England, XIV. 563.
- LICH-GATE, in architecture, II. 467.
- LICHTENBERG, principality, Germany, XIV. 563.
- , Georg Christoph, German physicist and satirist, XIV. 563; his dust figures, in electricity, VIII. 66.
- LICHTENSTEIN, Ulrich von, early German writer, X. 525.
- LICHTERFELDE, Prussia, Electric tramway at, XXIII. 495.
- LICINIAN LAW, Roman, XX. 738.
- LICINIO, Giovanni Antonio, Italian painter, XIX. 519.
- LICINIUS, Roman emperor, XIV. 564; VI. 299.
- MACER, Roman annalist, XIV. 729.
- LICK OBSERVATORY, Mount Hamilton, California, U.S.A., XVII. 715; telescope in, XXII. 151.
- LICZCOWICE, town, Russian Poland, XV. 30.
- LIDA, town, Russia, XXIV. 234.
- LIDDELL, Duncan, Scottish writer on medicine, XXI. 543.
- LIDDESDALE, district, Scotland, XXI. 34.
- LIDNER, Bengt, Swedish writer, XXII. 757.
- LIDY, or Lida, town, Russia, XXIV. 234.
- LIE, Sophistical problem of the, XVIII. 742.
- , Jonas, Norwegian novelist, XVII. 592.
- LIEBENERITE, mineral, XVI. 425.
- LIEBENSTEIN, spa, Germany, XVI. 434.
- LIEBER, Francis, American publicist, XIV. 564.
- LIEBERKÜHN, Glands or crypts of, in anatomy, VII. 227; XVII. 669.
- LIEBERKÜHNIA, genus of Foraminifera, IX. 373.
- LIEBIG, Justus, German chemist, XIV. 565; his condenser, VII. 261; his extract of meat, XIX. 707; XXIV. 15; on fermentation, IX. 94; on fossil manures, I. 348.
- LIEBIGITE, mineral, XVI. 399.
- LIECHTENSTEIN, principality, Germany, XIV. 568.
- LIEF, or Leif, early Greenland voyager, I. 706; XI. 171.
- LIÉGE, town, Belgium, XIV. 568; destruction of, by Burgundians, V. 424; sculptures in cathedral, XXI. 564; library, XIV. 531; university, III. 519; XXIII. 850.
- LIEGNITZ, town, Prussia, XIV. 569; XXII. 53; battle of (1241), XXII. 52.
- LIEMBA, lake, Africa, I. 248.
- LIEN, in law, XIV. 569.
- LIERRE, or Lier, town, Belgium, XIV. 570; normal school at, III. 520.
- LIESTHAL, town, Switzerland, III. 409; XXII. 778.
- LIEUTAUD, Joseph, anatomist, I. 814.
- LIEUTENANT, Naval, his duties, XVII. 293.
- LIEVIN, town, France, XVIII. 340.
- LIEVRITE, mineral, XVI. 410.
- LIFE, its distinctive properties, III. 679; protoplasmic, XIX. 828; of man, I. 843; human, legal divisions of, I. 279; human, expectation of, XIV. 859; of animals, XIX. 10; distribution of, VII. 267; X. 212; duration of, XIV. 857; theories of, XVIII. 843; evolution of the sum of, VIII. 747; geological action of, X. 289; vegetable, distribution of, VII. 286; X. 212; attributed to fire, IX. 231; pleasures and pains of, in philosophy, XVIII. 690.
- ANNUITIES, II. 72.
- ASSURANCE, XIII. 168; post-office, XIX. 574; tonline system, XXIII. 444.
- LIFEBELT, XIV. 571.
- LIFEBOAT, XIV. 570; XXI. 803; construction of, XXI. 825.
- LIFE INSURANCE, XIII. 168.
- LIFE-PRESERVING DRESS, for diving, VII. 297.
- LIFE-SAVING APPARATUS, on water, XIV. 570.

- LIFFEY, river, Ireland, VII. 495.
- LIFTS, elevating apparatus, XIV. 573; for blast furnaces, XIII. 301; hydraulic, XII. 520.
- LIFU, island, South Pacific, XV. 30.
- LIGAMENTUM DENTICULATUM, in anatomy, I. 865.
- LIGAN, in English law, IX. 342.
- LIGER (Loire), river, France, XIV. 806.
- LIGHT, XIV. 577; XVII. 798; aberration of, I. 47; in relation to crystals, XVI. 372; electric, VIII. 58; in relation to ether, VIII. 569; produced by gas, X. 87; identical with radiant heat, XI. 577; its relation to magnetism, XV. 273; phosphorescent, XVIII. 813; action of, in photography, XVIII. 821, 835, 837; its influence on plants, XIX. 55, 58, 62; radiation of, in relation to heat, XX. 213; reflexion of, by metals, XVI. 64; its action on the retina, VIII. 821; velocity of, II. 797; XXIV. 458; parallax determined from its velocity, XVIII. 246; wave theory of, XXIV. 421; zodiacal, XXIV. 796; Newton's investigations on, XVII. 440; Roemer's discovery of its velocity, XX. 620; worship of, by Persians, XVI. 529.
- LIGHTFOOT, John, English rabbinical scholar, XIV. 614.
- LIGHTHOUSE, XIV. 615.
- LIGHTING, Electric, XIV. 630.
- , Gas, X. 87.
- , of mines, XVI. 461.
- , of railway carriages, XX. 248, 250.
- LIGHTNING, its origin, XXIII. 330; its connexion with the aurora, III. 92; its relation to electricity, VIII. 6; death by, XV. 781.
- CONDUCTOR, XIV. 633; for light-houses, XIV. 629; Harris's discoveries, XI. 494.
- LIGHT OF NATURE, Tucker's work, XXIII. 603.
- LIGN ALOES, of Scripture, I. 597.
- LIGNANO, Italy, Battle of (1176), IX. 730.
- LIGNIN-DYNAMITE, explosive, XVII. 521.
- LIGNITE, mineral, VI. 46; X. 238, 365; XVI. 429; as fuel, IX. 808.
- LIGNON DU NORD, river, France, XIV. 807.
- LIGNUM VITÆ, tree, XI. 230.
- LIGNY, Belgium, Battle of (1815), XVII. 224.
- LIGOR, district, Malay Peninsula, XV. 322.
- LIGUEST, Pierre Laclède, French settler in Missouri, U.S.A., XXI. 185.
- LIGULATÆ, subclass of ferns, IX. 107.
- LIGUORI, Alfonso Maria de', Roman theologian, XIV. 634; on the infliction of torture, XXIII. 464.
- LIGURIANISM, theological school, XIV. 634.
- LIGURIA, ancient district, Italy, XIV. 639.
- LIGURIAN BEES, III. 497.
- LIGURIAN DIALECT, XIII. 493.
- LIGURIANS, ancient Italian people, X. 111; XIII. 446; XIV. 639.
- LIGUSTRUM, genus of plants, XIX. 764.
- LIGYES, or Ligvans (Ligurians), ancient Italian race, XIII. 446; XIV. 639.
- LILAC, tree, XIV. 640; II. 320.
- LILBURN, John, English sectary and pamphleteer, XIV. 640; XVIII. 205.
- LILIENFELD, P. von, German economist, XIX. 394.
- LILIENTHAL, Germany, Observatory at, XVII. 713.
- LILI SCHÖNEMANN, friend of Goethe, X. 727.
- LILIUM, genus of plants, XIV. 643.
- LILIUS, Aloysius, author of the new style in the calendar, IV. 671.
- LILJA, Göran, Swedish poet, XXII. 754.
- LILLE, town, France, XIV. 641; university of, XXIII. 851.
- LILLEBONNE, town, France, XIV. 642.
- LILLIBURLERO, English political ballad, XXIV. 529.
- LILLJEBORG, Wilhelm, on birds, XVIII. 34.
- LILLY, or Lyly, John, English writer, XV. 103.
- , William, English astrologer, XIV. 642.
- LILY, plant, XIV. 643; XII. 257.
- , Nile, greenhouse plant, XII. 264.
- LILYBÆUM (Marsala), ancient town, Sicily, XV. 571; XXII. 16.
- LILYE, William, English grammarian, XIV. 643; VIII. 414.
- LIMA, town, Peru, XIV. 644; XVIII. 674; library of, XIV. 536, 551; observatory, XVII. 716.
- , town, Ohio, U.S.A., XIV. 645.
- LIMAGNE, plain, France, XX. 119.
- LIMASOL, town, Cyprus, VI. 748.
- LI-MA-TEU (Matteo Ricci), Jesuit missionary in China, XX. 537.
- LIMAX, genus of Mollusca, XVI. 662; XXII. 187.
- LIMBIRD, John, promoter of cheap literature, XVIII. 538.
- LIMBORCH, Philip van, Dutch theologian, XIV. 645.
- LIMBOURG, province, Belgium, XIV. 646.
- LIMBS, Anatomy of the, I. 826; abnormal, XVI. 763, 764; of mammals, XV. 359; of birds, III. 720; in skeleton, XXII. 116.
- LIMBURG, province, Belgium, XIV. 645.
- , province, Holland, XIV. 646; dialects of, XV. 196.
- , town, Prussia, XIV. 646.
- LIMBUS, Nepalese race, XVII. 341.
- INFANTUM, LIMBUS PATRUM, XIV. 646.
- LIME, mineral, XIV. 647; effects of calcination of, XIII. 296; decomposition of, into quicklime, XXI. 166; as manure, I. 350; XV. 509; phosphates of, XVIII. 819; superphosphate as manure, I. 348. See also Limestone.
- LIME, tree, XIV. 648; in United States, XXIII. 808; culture of, II. 318.
- FURNACE, IX. 844.
- LIME-JUICE, XIV. 439; an antidote to scurvy, VII. 207.
- LIME-LIGHT, introduced by T. Drummond, VII. 480.
- LIME-MICA, mineral, XVI. 413.
- LIMERICK, county, Ireland, XIV. 648; population and representation, XXIII. 727; town, XIV. 649; treaty of (1691), XIII. 268.
- LIME SALT, XVIII. 92.
- LIMES GERMANIÆ, of Trajan, XXIII. 503.
- LIMESTONE, mineral, X. 232, 238; XVI. 397; marble a variety of, XV. 528; strength of, XXII. 603; caves in, V. 265. See also Lime.
- LIMICOLÆ, group of birds, XIV. 129; XVIII. 45; XIX. 228.
- , division of worms, XXIV. 677.
- LIMING, in bleaching, III. 814.
- LIMITATION, Statutes of, XIV. 650.
- LIMITED LIABILITY COMPANIES, III. 329; VI. 222.
- LIMNÆUS, genus of Mollusca, XVI. 660, 662; XXII. 187.
- LIMNITE, mineral, XVI. 388.
- LIMNOS, or Lemnos, island, Ægean Sea, Turkey, XIV. 436.
- LIMOGES, town, France, XIV. 651; population, XXIV. 223; enamelling of, VIII. 184.
- LIMONITE, mineral, XVI. 388.
- LIMONITIC IRON ORES, XIII. 287.
- LIMONUM (Poitiers), ancient town, France, XIX. 282.
- LIMOSA, island, Mediterranean Sea, XV. 820.
- , genus of birds, X. 720.
- LIMOUSIN, Léonard, enamel painter, VIII. 184.
- LIMPET, mollusc, XVI. 646.
- LIMPIA, mountains, Texas, U.S.A., XXIII. 204.
- LIMPKIN, bird, XX. 223.
- LIMPOPO, river, South Africa, I. 254; XXIII. 517.
- LIMULUS, crustacean, VI. 662.
- LIMYRUS, river, Asia Minor, XV. 93.
- LINACRE, Thomas, English humanist and physician, XIV. 652; VIII. 414.
- LINARES, town, Spain, XIV. 653.
- LINARITE, mineral, XVI. 402.
- LINCEI, Accademia dei, Rome, I. 70.
- LINCOLN, county, England, XIV. 653; population and representation, XXIII. 727; sheep, I. 392.
- , town, England, XIV. 656; likeness of cathedral to that of Clugny, I. 15.
- , town, South Australia, XXII. 284.
- , town, Illinois, U.S.A., XIV. 658.
- , town, Nebraska, U.S.A., XIV. 658; XVII. 309.

- LINCOLN, town, Rhode Island, U.S.A., xx. 524.
 —, Abraham, president of the United States, xiv. 658; xxiii. 772, 779.
 — COLLEGE, Oxford, England, xviii. 97.
 — SHEEP, I. 392.
 LINCOLN'S INN, legal society, London, xiii. 87, 90.
 LINCRUSTA WALTON, material for wall decoration, xiv. 676.
 LINDAKERITE, mineral, xvi. 399.
 LINDAU, town, Bavaria, xiv. 663.
 LINDEN, or Lime (*q.v.*), tree, xiv. 648.
 LINDENAU, Bernhard von, Saxon minister, xxi. 356.
 LINDISFARNE, or Holy Island, England, xii. 105; xvii. 565; foundation of monastery on, xiii. 250.
 — GOSPELS, viii. 382; xviii. 159.
 LINDLEY, John, English botanist, xiv. 663.
 —, Sir N., on legal partnership, xviii. 329.
 LINDCOLINA (Lincoln), mediæval town, England, xiv. 657.
 LIND'S ANEMOMETER, II. 24.
 LINDSAY, town, Ontario, Canada, xvii. 775.
 —, Lord, his transit of Venus expedition, xviii. 248.
 LINDSEY, division of Lincolnshire, England, xiv. 655.
 —, Theophilus, English theologian, xiv. 663.
 LINDUM COLONIA (Lincoln), mediæval town, England, xiv. 657.
 LINDUS, town, Rhodes, xx. 526.
 LINE, Representation of a, in geometrical projection, xix. 801.
 — ENGRAVING, viii. 440.
 — GEOMETRY, Plücker's invention of, xix. 230.
 LINEN, Bleaching of, iii. 820.
 — MANUFACTURES, xiv. 663; in England, viii. 232; in Ireland, xiii. 231; II. 143; III. 513; in Scotland, VII. 534.
 LINEN-PAPER, xviii. 218.
 LINEN TRADE, at Lille, xiv. 642.
 LINE OF COMMUNICATION, in war, xxiv. 350.
 LINEUS, genus of worms, xvii. 326.
 LING, fish, xiv. 668.
 —, plant, xi. 589.
 —, Per Henrik, Swedish poet and writer on gymnastics, xxii. 757.
 LINGARD, John, English historian, xiv. 668.
 LINGAYATS, Hindu sect, Madras, xv. 185.
 LINGDAN KHAN, Mongol ruler, xvi. 743.
 LINGONES, tribe of Gauls, Italy, xiii. 446.
 LINGUET, Simon N. H., his *Annales Politiques*, xvii. 430.
 LINGUISTICS, or Science of Language, xviii. 765.
 LINGULIDÆ, family of Brachiopoda, iv. 194.
 LINGZI-TANG, plateau region, Tibet, xxiii. 339.
 LINK MOTION, for steam valves, xxii. 503.
 LINKÖPING, town, Sweden, xiv. 668.
 LINK-WORK, in mechanics, xv. 761; kinematics of, xv. 697.
 LINLEY, Miss, wife of Richard Brinsley Sheridan, xxi. 797.
 LINLITHGOW, county, Scotland, xiv. 669; area and population, xxi. 528; representation, xxiii. 727; town, xiv. 670.
 — LOCH, Scotland, observations on its temperature, xiv. 220.
 LINNÆITE, mineral, vi. 81; xvi. 391.
 LINNÆUS, Carolus, Swedish naturalist, xiv. 671; xxii. 756; on birds, xviii. 5; on classification and morphology, xvi. 838; on crystals, vi. 672; on ichthyology, xii. 632; his classification of plants, iv. 79; on reptiles, xx. 434; his zoological classification, xxiv. 804.
 LINNÉ, Carl von (Linnaeus, *q.v.*), Swedish naturalist, xiv. 671.
 —, Carl von, the Younger, Swedish naturalist, xiv. 674.
 LINNELL, John, English painter, xiv. 674.
 LINNET, bird, xiv. 675.
 —, Green, bird, xi. 165.
 LINOLEUM, floor-cloth, xiv. 676; vi. 402; ix. 329.
 LINOS, town, Mexico, xxiv. 761.
 LINTA, genus of birds, xiv. 675.
 LINSEED, xiv. 676; cake, xvii. 739; adulterations of cake, i. 174; oil, xvii. 744; use of oil in preparing varnish, xxiv. 91.
 LINTH, river, Switzerland, xxii. 776.
 LINTOT SOCIETY, London, ix. 781.
 LIN-TSZE, town, China, xxiii. 601.
 LINUS, saint and martyr, xiv. 678.
 —, of Greek legend, xiv. 678.
 LINZ, town, Austria, xiv. 678.
 LION, carnivorous mammal, xiv. 679; xv. 435; of India, xii. 741; of Senegambia, xxi. 662.
 LIONARDO (or LEONARDO), DA VINCI, Italian artist and man of science and letters, xiv. 455; xiii. 508; xxi. 437, 569.
 LIONEL, duke of Clarence, xxiv. 752.
 LIONNE, Hugues de, French minister under Louis XIV., ix. 574.
 LIP, Cancer in the, xviii. 382.
 LIPALULE, river, Transvaal, South Africa, xxiii. 517.
 LIPARI ISLANDS, Mediterranean Sea, xiv. 682; I. 182; xv. 820.
 LIPARITE, rock, x. 234.
 LIPETSK, town, Russia, xiv. 683; xxiii. 41.
 LIPNO, town, Russian Poland, xix. 227.
 LIPOA, genus of birds, xv. 827.
 LIPOCEPHALA, branch of Mollusca, xvi. 684.
 LIPOMA, disease, xviii. 389.
 LIPOVETS, town, Russia, xiv. 69.
 LIPOXAIS, Scythian hero, xxi. 576.
 LIPPE, territory, Germany, xiv. 683.
 —, or Lippe-Detmold, principality, Germany, xiv. 683.
 —, river, Rhenish Prussia, xx. 20, 519.
 LIPPEMÜNDE, ancient town, Germany, xxiv. 502.
 LIPPERSHEY, Hans, probable inventor of the telescope, xxiii. 136.
 LIPPE SPRINGE, spa, Germany, xvi. 433.
 LIPPI, Filippino, or Lippino Lippi, Italian painter, xiv. 685, 459; ix. 773; xv. 606; xxi. 435.
 —, Fra Filippo, or Lippo Lippi, Italian painter, xiv. 684; xxi. 434, 435.
 —, Lorenzo, Italian painter and poet, xiv. 685.
 LIPPMANN'S CAPILLARY ELECTROMETER, viii. 109, 122.
 LIPSIUS, Justus, or Joest Lips, Dutch humanist, xiv. 685; his Latinity, xiv. 342.
 LIQUEURS, xiv. 686.
 LIQUIDAMBAR, tree and gum from it, xiv. 687.
 LIQUIDS, defined, vi. 311; xii. 459; diffusion in, vii. 216; elasticity of, vii. 801; expansions of, xi. 584; surface-tension of, v. 59; velocity of sound in, I. 104.
 LIQUORICE, or Black Sugar, xiv. 687.
 LIQUOR LAWS, xiv. 688; xxiii. 195; in Maine, U.S.A., xv. 299; in relation to Sabbath observance, xxii. 656.
 LIRIPIPIES, in mediæval costume, vi. 469.
 LIROCONITE, mineral, xvi. 407.
 LISBON, town, Portugal, xiv. 690; academy of sciences, I. 73; lazaretto, xx. 154; library, xiv. 532; observatory, xvii. 713; wine industry, xxiv. 609.
 LISBURN, town, Ireland, xiv. 693.
 LISDOONVARNA, spa, Ireland, v. 802; xvi. 435.
 LISIEUX, town, France, xiv. 693.
 LISITCHANSK, Russia, Mines of, xv. 60.
 LISKE, Xavier, Polish historian, xix. 305.
 LISKEARD, town, England, xiv. 694.
 LISLE, Joseph Nicolas de, French astronomer, xiv. 694.
 L'ISLE, Rouget de, author of *Marseillaise Hymn*, xiv. 868; xxi. 13.
 — D'ADAM, grand-master of Hospitallers, xxi. 174.

- LISMORE, town, Ireland, XIV. 694; XXIV. 401.
 —, island, Scotland, XIV. 694.
 —, Book of the Dean of, MS. poems, XIV. 694.
 LISNEGARY (Lisburn), town, Ireland, XIV. 693.
 LISO, Tibetan tribe, XXIII. 344.
 LISSA, island, Adriatic Sea, XIV. 695; battle of (1866), XIII. 491.
 —, town, Prussia, XIV. 694.
 LISSAHORN, mountain, Silesia, XXII. 53.
 LISSOFLAGELLATA, subclass of Protozoa, XIX. 856.
 LIST, Friedrich, German economist, XIX. 389.
 LISTA, Alberto, Spanish critic, XXII. 361.
 LISTER, Joseph Jackson, anatomist, I. 818; his antiseptic treatment in surgery, II. 136; XXII. 678.
 LISTON, John, English comedian, XIV. 695.
 —, Robert, Scottish surgeon, XIV. 695.
 LITANG, town, Tibet, XXIII. 342.
 LITANI, or Litany, river, Syria, XIV. 393; XXII. 821.
 LITANY, church service, XIV. 695; English, VIII. 379.
 —, river, Syria, XIV. 393; XXII. 821.
 LITCHFIELD OBSERVATORY, Clinton, New York, U.S.A., XVII. 715.
 LITERATURE, in relation to philology, XVIII. 765; academies of, I. 73; societies connected with, XXII. 227.
 LITHAMGBA DISCUS, species of Protozoa, XIX. 843.
 LITHARGE, oxide of lead, XIV. 377; XVI. 61.
 LITHGOW, William, Scottish traveller, XIV. 696.
 LITHIOPHILITE, mineral, XVI. 404.
 LITHISTIDA, order of sponges, XXII. 423.
 LITHIUM, chemical element, XIV. 697; V. 524.
 — MINERAL WATERS, XVI. 436.
 LITHOFRACTEUR, explosive, XVII. 521; for blasting, III. 809.
 LITHOGRAPHIC STONE, XVI. 397.
 LITHOGRAPHY, XIV. 697; XXIII. 708; map printing, XXII. 715; photo-printing, XVIII. 833.
 LITHOMARGE, mineral, XVI. 424.
 LITHOTOMY, in surgery, XXIV. 189; as practised by the ancients, XXII. 674.
 LITHOXYLON, mineral, XVI. 390.
 LITHUANIA, XIV. 702; its incorporation with Poland, XIX. 288, 291; XXI. 90.
 LITHUANIAN LANGUAGE, XXII. 148; dictionaries of, VII. 188.
 LITHUANIANS, European people, XIV. 701; in Russian Poland, XIX. 309.
 LITIN, town, Russia, XIX. 254.
 LITMUS, colouring matter, XIV. 703, 559.
 LITTLE, Josiah, Library of, Newburyport, U.S.A., XVII. 376.
 — EASE, torture, XXIII. 465.
 — FALLS, town, New York, U.S.A., XIV. 703.
 — GENESIS, Book of, II. 176.
 — GO ACT (1802), anent lotteries, XV. 11.
 — JAVA (Bali), island, Eastern Archipelago, III. 281.
 — JOHN, of Robin Hood ballads, XX. 606.
 — ROCK, town, Arkansas, U.S.A., XIV. 703.
 LITTLETON, Thomas de, English jurist, XIV. 703.
 LITTORINA, genus of Mollusca, XVI. 651.
 LITTRÉ, Paul Maximilien Émile, French lexicographer, XIV. 705.
 LITUOLIDEA, order of Protozoa, XIX. 847.
 LITURGY, church service, XIV. 706; English, VIII. 379; Greek, XI. 159; Jewish, XV. 292; attempted introduction of, in Scottish Church, XXI. 511. See also article Missal.
 LITU-SLAVIC LANGUAGES, XXII. 148.
 LITUUS, Roman trumpet, XXIII. 593.
 LITYERSES, of Greek legend, XIV. 678.
 LIUBATRIN, Mount, Macedonia, XV. 137.
 LIUDPRAND, or Liutprand, Lombard king, XIII. 468; XIV. 815.
 LIU-KIU (or LEW-CHEW) ISLANDS, North Pacific, XIV. 489.
 LIUTPRAND, king of the Lombards, XIII. 468; XIV. 815.
 —, Italian chronicler, XIV. 712.
 LIVADIA, Russian imperial residence, Crimea, VI. 587.
 LIVER, in anatomy, VII. 229; XVII. 674; tropical abscess of, XVIII. 395; acute yellow atrophy of, XVIII. 386; in jaundice, XIII. 598; of fishes, XII. 655; of mammals, XV. 363; of reptiles, XX. 457.
 LIVER-FLUKE, parasitic worm, XXIII. 535.
 LIVERIES, Court of, feudal institution, XIV. 115.
 LIVERPOOL, town, England, XIV. 712; libraries of, XIV. 521, 543; Mersey tunnel at, XXIII. 622; newspapers, XVII. 421; observatory, XVII. 710; tramways, XXIII. 506; University College, XXIII. 854; Vyrnwy water-works, XXIV. 407.
 —, town, Nova Scotia, XVII. 603.
 —, First Earl of, English politician, XIV. 717.
 —, Second Earl of, English politician, XIV. 718; VIII. 364; Sir Robert Peel's relations with, XVIII. 453.
 — AND MANCHESTER RAILWAY, England, XX. 224.
 LIVERWORTS, group of plants, XIV. 718; XVII. 66; XXIV. 128; phosphorescence in, XVIII. 813.
 LIVERY, in heraldry, XI. 710; livery colours, in mediæval costume, VI. 469.
 — COMPANIES, of London, VI. 223; XIV. 819.
 LIVESEY, Joseph, English temperance reformer, XXIII. 159.
 LIVES OF THE CÆSARS, by Suetonius, XXII. 619.
 LIVES OF THE POETS, by Johnson, XIII. 728.
 LIVE STOCK, Breeding and rearing of, I. 384; improvement of, by Bakewell, I. 302.
 LIVIA, mother of the emperor Tiberius, XXIII. 335.
 LIVINGSTON, Edward, American jurist, XIV. 719.
 —, Robert R., American statesman, XIV. 720.
 LIVINGSTONE, Sir Alexander, minister of James II. of Scotland, XXI. 493.
 —, David, missionary and explorer in Africa, XIV. 720; I. 247; X. 194.
 LIVIUS, Titus (Livy, *q.v.*), Roman historian, XIV. 725.
 — ANDRONICUS, Roman poet and dramatist, XIV. 723; XX. 716.
 LIVLAND (Livonia), province, Russia, XIV. 723.
 LIVNY, town, Russia, XIV. 723; XVII. 826.
 LIVONIA, province, Russia, XIV. 723; XXI. 69.
 LIVORNO (Leghorn, *q.v.*), town, Italy, XIV. 416.
 LIVRET, system of labour hiring, XIV. 173.
 LIVY, Roman historian, XIV. 725; XX. 724; his language and style, XIV. 335; representative of the Augustan age, III. 83; Drakenborch's edition of, VII. 390.
 LIXURI, town, Cephalonia, Greece, V. 344.
 LIXUS, ancient town, Morocco, Africa, XV. 637; ruins of, XVI. 834; river, XV. 637.
 LIZARD, LIZARDS, order of reptiles, XIV. 732; classification of, XX. 439, 445; parasites of, XVIII. 260; Aristotle on, XX. 432.
 LLAMA, ungulate mammal, XIV. 738; I. 597; IV. 12; XV. 430; relations of domesticated to wild forms, IV. 251.
 LLANBERIS, Lakes of, Wales, V. 119.
 LLANDAFF, town, Wales, XIV. 740.
 LLANDUDNO, town, Wales, XIV. 740.
 LLANELLY, town, Wales, XIV. 740.
 LLANGANATI, mountain, Ecuador, VII. 645.
 LLANGOLLEN, town, Wales, XIV. 740.
 LLANGORSE, lake, Wales, IV. 243.
 LLANIDLOES, town, Wales, XVI. 789.
 LLANO ESTACADO, region, Texas, U.S.A., XXIII. 203.
 LLANQUIHUE, province, Chili, V. 617.

- LLANRWST, Wales, Shaking bridge at, IV. 332, 333.
- LLANTHONY ABBEY, Monmouthshire, England, XVI. 754.
- LLONA, Numa Pompilio, Peruvian poet, XVIII. 676.
- LORENTE, Juan Antonio, Spanish historian, XIV. 741.
- LLOYD, Edward, founder of Lloyd's List, XVII. 415.
- LLOYD'S, marine association, XIV. 741.
- WEEKLY NEWSPAPER, XVII. 419.
- LLUGW, river, Wales, XX. 217.
- LLYWARCH HEN, Welsh poet, V. 317.
- LOACH, fish, XIV. 741; XII. 692.
- LOADS, in mechanics, XV. 750.
- LOADSTONE, magnetic iron ore, VI. 227; XIII. 287; XV. 219, 274.
- LOAM, variety of clay, XVI. 424.
- LOAN, in Roman law, XX. 693.
- LOANDA, São Paulo de, town, West Africa, XIV. 742.
- LOANGO, district, West Coast, Africa, XIV. 742.
- LOANGWA, river, East Central Africa, XXIV. 765.
- LOANO, Italy, Battle of (1795), XV. 617.
- LOANS, Foreign, their effect on commerce, VI. 206; national, XVII. 244.
- LOBATÆ, group of Actinozoa, I. 132.
- LOBECK, Christian August, on the Greek Mysteries, XVII. 124.
- LOBEID, town, Kordofan, Africa, VIII. 153.
- LOBEIRA, Vasco de, Portuguese novelist, XIX. 556; his version of Amadis of Gaul, I. 650; XX. 653.
- LOBELIA, genus of plants, XIV. 743; XII. 257.
- LOBLOLLY PINE, tree, XIX. 105.
- LOB-NOR, desert, Central Asia, X. 713; lake, XXIII. 638.
- LOBO, F. A., Portuguese writer, XIX. 558.
- , F. R., Portuguese romancer, XIX. 557.
- , Jeronimo, Portuguese Jesuit missionary, XIV. 743.
- LOBOS, islets, Peru, XVIII. 671.
- LOBOSA, class of Protozoa, XIX. 841.
- LOBSTER, crustacean, VI. 635, 657; fisheries, IX. 265.
- LOB WORM, annelid, II. 71.
- LOCAL GOVERNMENT, XI. 21.
- LOCALITY, Sense of, XXIII. 480.
- LOCAL OPTION, temperance movement, XIV. 688; XXIII. 159.
- LOCARNO, town, Switzerland, XV. 198; XXIII. 351.
- LOCHEE, suburb of Dundee, Scotland, VII. 536.
- LOCHLEVEN, lake, Scotland, XIV. 92; trout of, XXI. 222.
- CASTLE, Scotland, Mary, queen of Scots, imprisoned in, XV. 599.
- LOCHY, Loch, Scotland, XIV. 217.
- LOCK, fastening, XIV. 744.
- , of a canal, IV. 782; of a dock, XI. 466.
- LOCKE, John, English philosopher, XIV. 751; on association of ideas, II. 730; on the reasonableness of Christianity, II. 192; his draft of constitution for North Carolina, U.S.A., XVII. 562; his economic teachings, XIX. 358; on education, VII. 674; his ethics, VIII. 598; on evolution, VIII. 759; his influence on Kant, XIII. 848; his logic, XIV. 792; on medicine, XV. 811; his metaphysics, XVI. 91; his friendship with Newton, XVII. 445; on philosophy, XVIII. 794; his view of psychology, XX. 38; his place in English literature, VIII. 424, 425, 431; Leibnitz's criticism of, XIV. 422; Norris's, XVII. 552.
- LOCKHART, John Gibson, Scottish man of letters, XIV. 762.
- LOCKJAW, disease, XXIII. 200.
- LOCK OUT, of workmen, XXIII. 500.
- LOCKPORT, town, New York, U.S.A., XIV. 764.
- LOCLE, Le, town, Switzerland, XIV. 764; XVII. 361.
- LOCMARIA (Quimper), Roman station, France, XX. 181.
- LOCMARIAQUER, France, Menhir at, XXI. 51.
- LOCOMOTIVE ENGINES, XX. 225, 244; XXII. 478, 498, 520; Stephenson's invention, XXII. 537; Trevithick's, XXIII. 554; sheds for, on railways, XX. 237.
- LOCOMOTIVE ORGANS, in man, I. 820.
- LOCOMOTOR ATAXY, disease, II. 826; XVIII. 392.
- LOCRI, ancient Greek people, XIV. 764.
- LOCRI, Greece, Coins of, XVII. 642.
- LOCUS, geometrical term, XIV. 764.
- LOCUST, insect, XIV. 765; XI. 60; XIII. 152; in Algeria, I. 563.
- LOCUST-TREE, XIV. 767; in United States, XXIII. 808.
- LODDON, river, England, XXIII. 220.
- , river, Victoria, Australia, XXIV. 215.
- LODES, mineral, XVI. 441.
- LODESMAN, pilot, XIX. 96.
- LODÈVE, town, France, XIV. 767.
- LODGE, Thomas, English dramatist and poet, XIV. 767; XVIII. 346.
- LODGERS' GOODS PROTECTION ACT, English, VII. 266.
- LODI, town, Italy, XIV. 768.
- LODOICEA, genus of palms, XVIII. 191.
- LODOMERIA, ancient principality, Russia, X. 26.
- LODORE, Falls of, Cumberland, England, VI. 699.
- LODZ, town, Russian Poland, XIV. 768; XXI. 70.
- LOE, Thomas, English Quaker, XVIII. 492.
- LOEBEN, Countess von, wife of the Comte de Saxe, XXI. 346.
- LOÈCHE LA VILLE (Leuk), village, Switzerland, XIV. 484; XVI. 433, 435.
- LOÈCHE-LES-BAINS, town, Switzerland, XIV. 484.
- LOEGAIRE, Irish king, XVIII. 412.
- LOEGRIANS, ancient British tribe, V. 301.
- LOESS, alluvial deposit, in China, V. 632; in North America, X. 370; in Russia, XXI. 75.
- LOEWY'S EQUATORIAL TELESCOPE, XXIII. 152.
- LOFOTEN, or Lofoden, islands, Norway, XIV. 768; XVII. 576; whirlpools among, XXIV. 541.
- LOFTUS, Adam, Irish archbishop, XIII. 265.
- LOG, in navigation, XIV. 769; XVII. 264.
- LOGAN, river, Nebraska, U.S.A., XVII. 307.
- , town, Utah, U.S.A., XXIV. 20.
- , Mount, Canada, XX. 165.
- , John, Scottish poet, XIV. 771; paraphrases and hymns by, XII. 594.
- , Robert, of Restalrig, his contract with Napier, XVII. 183.
- LOGANSPOUT, town, Indiana, U.S.A., XIV. 772.
- LOGARITHMIC TABLES, XXIII. 9.
- LOGARITHMS, XIV. 772; I. 556; Napier's invention of, XVII. 178; Briggs's improvements on, IV. 343; used in astronomical calculations, II. 754; in navigation, XVII. 255; in trigonometry, XXIII. 562.
- LOGAU, Friedrich von, German writer X. 531.
- LOG-BOOK, Seaman's, XVII. 264.
- LOGES, Couvent des, France, XXI. 170.
- LOGGERHEAD, turtle, XXIII. 458.
- LOGGER-HEAD DUCK, XIX. 252.
- LOGIC, XIV. 780; XVIII. 795; in relation to metaphysics, XVI. 94; to psychology, XX. 78; analysis and synthesis in, I. 796; uses of rhetoric in, XX. 510; its application to theology, XXI. 421; Boole's system of symbols in, IV. 48; of Condillac, VI. 251; De Morgan's contributions to, VII. 66; Hamilton's, XI. 419; of Hegel, XI. 619; Hutcheson's compendium of, XII. 411; Kant on, XIII. 852; Leibnitz's application of, XIV. 422; Lully's fantastic system, XV. 64; of John Stuart Mill, XVI. 312; of Gilbert de la Porrée, X. 592; Ramus's contributions to, XX. 268; scholastic, XXI. 417; Stoic doctrine of, XXII. 566; Whately's work on, XXIV. 530.
- LOGISTIC LOGARITHMS, Tables of, XXIII. 13.
- LOGISTIC NUMBERS, XIV. 777.
- LOGOGRAPHERS, writers of speeches, Greek, XX. 509.
- LOGOMETRIA, by Roger Cotes, XVII. 256.

- LOGON, river, Soudan, Africa, XXII. 277.
 — GROUP, of Negroes, XVII. 319.
 LOGOS, in philosophy and theology, XIV. 803; XIII. 671; Justin's doctrine of the, X. 823; Origen's, XIII. 671; XVII. 842; Paul of Samosata's, XIII. 671; XVIII. 429; Philo's, X. 823; XVIII. 761; Theodore's, XXIII. 255.
 LOGOTYPES, in printing, XXIII. 701.
 LOGROÑO, province and town, Spain, XIV. 805.
 LOGROSCINO, Nicolo, Italian musician, XVII. 94.
 LOGTAK, lake, India, XV. 489.
 LOGWOOD, dyewood, XIV. 805; of British Honduras, XII. 133.
 LOHARDAGA, or Lohardugga, district, India, XIV. 806.
 LOHENGRIN, Wagner's opera, XXIV. 314.
 LOHENSTEIN, Daniel Kasper von, German dramatist, VII. 440; X. 531.
 LOING, river, France, XXI. 624.
 LOIRE, department, France, XIV. 807.
 —, river, France, XIV. 806; IX. 506.
 —, Haute-, department, France, XIV. 807.
 LOIRE - INFÉRIEURE, department, France, XIV. 808.
 LOIRET, department, France, XIV. 808.
 LOIR-ET-CHER, department, France, XIV. 809.
 LOJA, town, Spain, XIV. 809.
 LOKEREN, town, Belgium, XIV. 810.
 LOKEYYAH, port, on Red Sea, XX. 316.
 LOKHVITSA, town, Russia, XIX. 410.
 LOKI, in Northern mythology, I. 210; XVII. 474.
 LÖKKE, J. O., Norwegian grammarian, XVII. 592.
 LOKMAN, of Arab tradition, XIV. 810; III. 260.
 LOKOJA, town, Soudan, Africa, XXII. 279.
 LOLIGO, genus of Mollusca, XVI. 662, 671; embryo of, XVI. 683.
 LOLLARDS, English religious sect, XIV. 810; VIII. 325; XX. 321; favoured by John of Gaunt, XIV. 256; Oldecastle's connexion with, XVII. 753; persecution of, XI. 660; in Scotland, XXI. 490.
 LOLO, Tibetan tribe, XXIII. 344.
 LOMAS, coast hills, Peru, XVIII. 670.
 LOMA TINA, mountain, San Domingo, XI. 544.
 LOMBARD, Peter, mediæval theologian and philosopher, XIV. 813; XXI. 425; XXIII. 834.
 — ALPS, I. 627.
 LOMBARDIC LAW, XXI. 216.
 LOMBARDIC WRITING, XVIII. 155.
 LOMBARD LEAGUE, XII. 473.
 LOMBARDS, people, Italy, XIV. 813; XX. 783; XIII. 467; cause of their invasion of Italy, XVII. 234; their settlement in Italy, XVI. 292; Paul the Deacon's History of, XVIII. 436.
 LOMBARDY, province, Italy, XIV. 816; dialect of, XIII. 493; revolt in (1844), III. 137.
 — POPLAR, tree, XIX. 512.
 LOMBOK, island, Indian Archipelago, XIV. 816.
 LÔME, Dupuy de, his navigable balloon, I. 202.
 LOMÉNIE DE BRIENNE, cardinal and French minister, IX. 595.
 LOMNICKY, Simon, Bohemian poet, XXII. 152.
 LOMNITZER SPITZE, Tatra mountains, Austria, III. 116.
 LOMOND, Ben, mountain, Scotland, XXII. 553.
 —, Loch, Scotland, VII. 524; XIV. 217; XXII. 553.
 LOMONOSOFF, Mikhail Vasilievich, Russian scientist and poet, XIV. 817; XXI. 106.
 LOMZA, government, Russian Poland, XIV. 817; XIX. 309; town, XIV. 817.
 LONDINENSIVM, Colonia, ancient town, Lincolnshire, England, XIV. 655.
 LONDINIUM (London), Roman town, England, XIV. 840.
 LONDON, metropolis of England, XIV. 818; abattoirs, I. 5; modern architecture, II. 452; artesian wells, II. 646; cemeteries, V. 330; Drury Lane theatre, XXIII. 226; Foundling Hospital, IX. 483; Inns of Court, XIII. 87; Jews in, XIII. 684; King's College, XXIII. 854; libraries, XIV. 516, 543; livery companies, VI. 223; National Gallery, XXI. 444; newspapers, XVII. 415; plague in, XIX. 165; police, XIX. 338; railways, XX. 239; Royal Exchange, XI. 187; XXII. 556; St Paul's Cathedral, XXIV. 689; technical schools, XXIII. 107; Thames tunnel, XXIII. 623; trained bands, XXIV. 293; tramways, XXIII. 506; university, XIV. 835; XXIII. 854; founding of university, IV. 377.
 —, town, Ontario, Canada, XIV. 851; XVII. 775.
 —, Survey of, Stow's work, XXII. 580.
 — BRIDGE, Old, IV. 330.
 — CLAY, in geology, X. 361; XVI. 279.
 — COMPANY, its colonies in America, XXII. 175; XXIII. 729; XXIV. 260.
 LONDONDERRY, county, Ireland, XIV. 852; population and representation, XXIII. 727.
 —, town, Ireland, XIV. 853; granted to the citizens of London, XIII. 266.
 —, island, Tierra del Fuego, South America, XXIII. 384.
 —, Second Marquis of (Lord Castle-reagh), English politician, XIV. 853.
 LONDON GAZETTE, its establishment, XVII. 415; 418.
 LONDON LACKPENNY, Lydgate's poem, XV. 98.
 LONDON STONE, The, XIV. 842.
 LONG, George, English scholar, XIV. 856.
 —, Roger, his globe, constructed at Cambridge, X. 683.
 LONGBERG, Christian (Longomontanus), Danish astronomer, XIV. 866.
 LONG BRANCH, town, New Jersey, U.S.A., XIV. 857.
 LONGEVITY, XIV. 857.
 LONGFELLOW, Henry Wadsworth, American poet, XIV. 860; I. 731.
 LONGFORD, county, Ireland, XIV. 863; population and representation, XXIII. 737; town, XIV. 864.
 LONGICORNES, group of beetles, VI. 133.
 LONGIMANUS, Artaxerxes I., king of Persia, II. 640; XVIII. 573.
 LONGINUS, Greek and Roman critic, XIV. 864; his Art of Rhetoric, XX. 514.
 —, Jan Dlugosz, Polish historian, XIX. 300.
 LONG ISLAND, New York, U.S.A., XIV. 865.
 LONG ISLAND CITY, town, New York, U.S.A., XIV. 866.
 LONG ISLAND SOUND, New York, Demolition of Flood Rock in, XXIII. 622.
 LONGITUDE, XXIII. 394; in astronomy, II. 771, 793; geographical, X. 198; early methods of reckoning, X. 187; determination of, X. 171; XXII. 700, 713; determination by lunar distances, XV. 609; methods of finding, at sea, II. 751; XVII. 448; in navigation, XVII. 251, 256, 268, 272; of observatories, XVII. 710; as known to Ptolemy, XX. 88; English Board of, XVII. 258.
 LONGITUDES, Bureau des, Paris, II. 301; XVIII. 281.
 LONGJUMEAU, France, Peace of (1568), IX. 561.
 LONG-LEGGED PLOVER, bird, XXII. 551.
 LONG MYND, hill, England, XXI. 847.
 LONGOLIUS, Gybertus, on birds, XVIII. 3.
 LONGOMONTANUS, Christian, Danish astronomer, XIV. 866; XVII. 182.
 LONG PARLIAMENT, English, V. 405; Cromwell in, VI. 598.
 LONG-SIGHT, VIII. 820.
 LONG'S PEAK, Rocky Mountains, U.S.A., XXIII. 796.
 LONGSWORD, William, duke of Normandy, XVII. 540.
 LONGUEVILLE, Duchesse de, Frondist, XIV. 867; VI. 246.
 LONGUS, Greek romancer, XIV. 868; XX. 635.
 LONGWOOD, St Helena, place of Napoleon's death, XXI. 171.
 XXV. — 34

- LONI, river, India, XX. 260.
 LONICERUS, genus of plants, XII. 140.
 LÖNNROT, Elias, collector of Finnish poems, IX. 220.
 LONS-LE-SAULNIER, town, France, XIV. 868.
 LOO, card game, XV. 1.
 LOOCHOO (LEW-CHEW) ISLANDS, North Pacific, XIV. 489; XIII. 570.
 LODIANA, or Ludhiana, district, India, XV. 58; XX. 109; town, XV. 58.
 LOOKING-GLASSES, IX. 849; XVI. 499.
 LOOK OUT MOUNTAIN, U.S.A., Battle of (1863), XXIII. 778.
 LOOM, bird, XV. 2.
 —, for weaving, XXIV. 464; ancient, XXIII. 206, 210.
 LOOMIS, Elias, on auroral zones, III. 97; on sun-spots, II. 787.
 LOON, or Loom, bird, XV. 2.
 LOOSJES, Adrian, Dutch writer, XII. 97.
 LOOTS, Cornelis, Dutch writer, XII. 97.
 LOPADUSSA (Lampedusa), island, Mediterranean, XIV. 249.
 LOPAMUDRA, daughter of Brahma, XIV. 19.
 LOPE DE RUEDA, Spanish dramatist, VII. 420.
 LOPE DE VEGA CARPIO, Spanish dramatist and poet, XXIV. 121; VII. 420; XXII. 357, 358.
 LOPES, Duarte, Portuguese explorer, X. 183.
 LOPEVI, island, New Hebrides, Pacific, XVII. 395.
 LOPEZ, Carlos Antonio, Paraguayan ruler, XV. 2.
 —, Francisco Solano, Paraguayan general, XV. 2.
 — DE AYALA, Pedro, Spanish poet, XXII. 353, 354.
 — DE MENDOZA, Iñigo, Spanish poet, XXII. 355.
 — DE UBEDA, Spanish poet, XXII. 357.
 LOPHIODONTIDÆ, family of ungulate mammals, XV. 428.
 LOPHIOMYIDÆ, family of rodent mammals, XV. 418.
 LOPHIUS, genus of fishes, IX. 269.
 LOPHOBRANCHII, or Lophobranchs, order of fishes, XII. 694; XI. 852.
 LOPHOPUS, genus of Polyzoa, XIX. 437.
 LOPHORTYX, genus of birds, XX. 147.
 LOPHYROPODA, division of Crustacea, VI. 664.
 LOPHYRUS, genus of insects, XXI. 343.
 LORA, river, Afghanistan, I. 229.
 LORANTHACEÆ, order of parasitic plants, XVIII. 265.
 LORCA, town, Spain, XV. 3.
 LORD, title, XXIII. 417.
 — ADVOCATE, of Scotland, I. 179.
 — CHAMBERLAIN, of the royal household, England, XXI. 37; lord great chamberlain, England, XXII. 459.
 LORD CHANCELLOR, or Lord High Chancellor, of England, v. 388; XVI. 473; list of lord chancellors, VIII. 368.
 — CHANCELLORS, Campbell's Lives of the, IV. 759.
 — CHIEF JUSTICE, English, XIII. 789.
 — HIGH ADMIRAL, English, I. 154; special commission of, I. 160.
 — HIGH CONSTABLE, XXII. 459.
 — OF THE ISLES, Scottish title, XI. 607; XIII. 387.
 — OF THE ISLES, Scott's poem, XXI. 549.
 — OF MISRULE, v. 704.
 LORDS, House of, British, XVIII. 310, 461; as court of appeal, II. 209.
 LORD'S DAY, The, XXI. 125; XXII. 653.
 LORDS OF CONGREGATION, Scotland, XXI. 501.
 LORDS SPIRITUAL, English, XVIII. 306, 459, 465.
 LORD STEWARD, of royal household, England, XXI. 37; lord high steward, England, XXII. 458.
 LORD'S SUPPER, sacrament, VIII. 651; XXI. 131, 139; St Paul's doctrine of, XVIII. 428. See Eucharist.
 LORENZETTI, Ambrogio, Italian painter, XXI. 434.
 LORENZO, St, martyr, XIV. 370.
 —, Fiorenzo di, Italian painter, XXI. 436.
 — MARQUES, Portuguese settlement, South-East Africa, XV. 3; VII. 40.
 LORETO, town, Italy, XV. 3; pilgrimages to, XIX. 95.
 LORIA, town, Italy, XIV. 349.
 —, Rabbenu Shelomoh, Jewish rabbi, XX. 473.
 LORICARIA, genus of fishes, XXII. 69.
 LORICATA, division of Rotifera, XXI. 8.
 LORIENT, town, France, XV. 4.
 LORIKEET, bird, XV. 7.
 LORIS, genus of lemurs, XIV. 443.
 LORIUS, genus of birds, XV. 7.
 LORRAINE, territory, France and Germany, XV. 4; formation of ancient kingdom of, IX. 534; province annexed to France, X. 502; to Germany (1871), IX. 627; X. 513.
 —, Dukes and Cardinals of, XI. 267.
 —, Claude of, French painter, v. 814; XXI. 440.
 LORY, bird, XV. 7; XVIII. 322; XXIII. 487.
 LOS ANDES, state, Venezuela, XXIV. 140.
 LOS ANGELES, town, California, U.S.A., XV. 7.
 LO-SHAN, town, China, XIV. 216.
 LOS ISLANDS, West Africa, XXI. 661; XXII. 45.
 LO SPAGNA (Giovanni di Pietro), Italian painter, XXII. 292.
 LO SPAGNOLETTA (Giuseppe Ribera), Spanish painter, XX. 532.
 LOT, Scripture patriarch, XV. 8.
 —, department, France, XV. 8.
 LOT-ET-GARONNE, department, France, XV. 8.
 LOTHAIR I., emperor, XV. 9; IX. 533; X. 480; at Rome, XX. 787.
 —, the Saxon, emperor, XV. 9; XXI. 352.
 —, or Hlothar, king of the Franks, IX. 530.
 LOTHAIRE, king of Lorraine, XVII. 483.
 LOTHARINGIA (Lorraine, *q.v.*), XV. 4; formation of kingdom of, IX. 534.
 LOTHARIO, origin of popular use of the name, XXI. 29.
 LOTHIAN, district, Scotland, XV. 9.
 —, East, county, Scotland, XI. 361.
 —, Mid, county, Scotland, VII. 656.
 —, West, county, Scotland, XIV. 669.
 LOTHRINGEN (Lorraine, *q.v.*), XV. 4.
 LOTTE BUFF, friend of Goethe, X. 725.
 LOTTERIES, XV. 11; state, IX. 182.
 LOTTERY LOANS, National, XVII. 244.
 LOTTO, Lorenzo, Italian painter, XXI. 436.
 LOTUS, shrub and water-lily, XV. 12.
 — EATERS, Libyan tribe, XV. 11.
 — EATERS' ISLAND (Jerba), North Africa, X. 442; XXII. 620.
 LOTZ, Johann Friedrich Eusebius, German economist, XIX. 387.
 LOTZE, Rudolph Hermann, German philosopher, XV. 12; on evolution, VIII. 768.
 LOUDON HILL, Scotland, Battle of (1679), XXI. 516.
 LOUDUN, town, France, XV. 15.
 LOUGHBOROUGH, town, England, XV. 15.
 —, Lord, lord chancellor of England, XXIV. 475.
 LOUGHREA, town, Ireland, X. 56.
 LOUHANS, town, France, XXI. 302.
 LOUIS I., the Pious, emperor, XV. 15; IX. 533; X. 480.
 — II.—III., emperors, XV. 16.
 — IV., the Child, emperor, XV. 16.
 — IV. or V., emperor, XV. 16; X. 480, 494; king of Italy, XIII. 477; king of Rome, XX. 799; his defence of Occam, XVII. 717.
 — I., king of France (emperor Louis I.), XV. 15; IX. 533; X. 480.
 — II., the Stammerer, of France, XV. 17; IX. 535.
 — III., of France, XV. 17; IX. 535.
 — IV., D'Outremer, of France, XV. 17; IX. 536; X. 483; XVII. 541.
 — V., Le Fainéant, of France, XV. 17; IX. 536.
 — VI., Le Gros, of France, XV. 17; IX. 538.
 — VII., Le Jeune, of France, XV. 17; IX. 539; his improvements of Paris, XVIII. 287.
 — VIII., Le Lion, of France, XV. 18; IX. 542.
 — IX., St, of France, XV. 18; IX. 542; as crusader, VI. 631; in the East,

- XXIII. 162; services rendered by him to Paris, XVIII. 288.
- LOUIS X., Le Hutin, of France, xv. 18; ix. 545.
- XI., of France, xv. 18; ix. 552; his relations with the Swiss, XXII. 786.
- XII., of France, xv. 18; ix. 554; his contest with the pope, xx. 324; his rule in Italy, XIII. 481.
- XIII., of France, xv. 18; ix. 566.
- XIV., Le Grand, of France, xv. 18; ix. 571; Grand Alliance against, XXIV. 580; his influence over Charles II. of England, VIII. 349; his schemes against Germany, x. 502; suppression of the Huguenots by, XII. 339; his contests with the emperor Leopold I., XIV. 466; his relations to the pope-dom, XIX. 506; relations with Spain, XXII. 335.
- XV., of France, xv. 18; ix. 585.
- XVI., of France, xv. 19; ix. 593; defence of, by Malesherbes, xv. 333.
- XVII., titular king of France, xv. 19.
- XVIII., king of France, xv. 19; ix. 609, 617, 619; XVII. 223; XXIV. 497.
- , the German, German king, xv. 17; x. 480.
- (of Hungary), king of Poland, XIX. 288.
- , duke of Orleans, XVII. 852.
- , St, History of, by Joinville, XIII. 734.
- , Pierre C. A., French physician, xv. 816.
- NAPOLEON (Napoleon III., *q.v.*), emperor of the French, ix. 622; XVII. 226.
- PHILIPPE, king of the French, xv. 19; ix. 620; XVII. 853; government of, xi. 269; his intervention in Spain, XXII. 345; his relations with Thiers, XXIII. 303.
- PHILIPPE, duke of Orleans, XVII. 853.
- PHILIPPE JOSEPH, of Orleans, French Revolutionist, XVII. 853.
- LOUISA, queen of Prussia, xv. 19.
- LOUISBOURG, town, Cape Breton, v. 40.
- LOUISE, of Savoy, mother of Francis I., ix. 556.
- LOUISIANA, State, U.S.A., xv. 20; acquisition of, by United States, XXIII. 758; French settlements in, ix. 587; XVII. 403.
- LOUISVILLE, town, Kentucky, U.S.A., xv. 22; artesian well at, II. 646.
- LOULÉ, town, Portugal, xv. 24.
- LOUP, river, Nebraska, U.S.A., XVII. 307.
- LOUP-GAROU, were-wolf, xv. 89.
- LOURDES, town, France, xv. 24.
- LOURENÇO MARQUES (Lorenzo Marques), Portuguese settlement, South-East Africa, xv. 3.
- LOUSÃO, Serra da, Portugal, XIX. 536.
- LOUSE, insect, xv. 24; XIII. 153; as human parasite, XXII. 123.
- LOUTH, county, Ireland, xv. 25; population and representation, XXIII. 727.
- , town, England, xv. 25.
- LOUVAIN, town, Belgium, xv. 26; library of, XIV. 531; university, III. 520; XXIII. 841.
- LOUVIERS, town, France, xv. 26.
- LOUVOIS, Marquis de, French war minister, xv. 26; ix. 576; organizer of French royal army, II. 600.
- LOUVRE, in architecture, II. 467.
- , palace at Paris, XVIII. 276, 281, 288, 292; picture gallery in, XXI. 445.
- LOVAT, Lord, Scottish Jacobite, xv. 27; XXI. 526.
- LOVE, Plato on, XIX. 200; universal, of Buddhism, IV. 428; in Christian ethics, VIII. 590.
- LOVE-BIRD, xv. 28.
- LOVE FEASTS, Early Christian, I. 274; Methodist, XVI. 188.
- LOVE IN A WOOD, Wycherley's play, XXIV. 705.
- LOVEJOY, Elijah P., American abolitionist, XXII. 142.
- LOVEL THE WIDOWER, Thackeray's novel, XXIII. 216.
- LOVELACE, Francis, English governor of New York, XVII. 455.
- , Richard, English poet, xv. 28.
- LOVER, Samuel, Irish novelist, xv. 29.
- OF LYING, Lucian's dialogue, xv. 44.
- LOVER'S MELANCHOLY, Ford's drama, ix. 395.
- LOVE'S LABOUR'S LOST, Shakespeare's play, XXI. 763.
- LOVES OF THE ANGELS, Moore's poem, XVI. 807.
- LOVES OF CLITOPHON AND LEUCIPPE, Greek romance, I. 95; XX. 636.
- LOVES OF HYSMINE AND HYSMINIAS, romance, XX. 636.
- LOVES OF THE PLANTS, E. Darwin's poem, VI. 830.
- LOVES OF THE TRIANGLES, Canning's, I. 513; VI. 830.
- LOVINO, Bernardin (Bernardino Luini), Italian painter, xv. 61.
- LOW ARCHEPELAGO, South Pacific, XXIII. 22, 602.
- LOW COUNTRIES, or Netherlands, XII. 59.
- LOWE, Robert, his banking bill, III. 326.
- LOWEITE, mineral, XVI. 402.
- LOWELL, town, Massachusetts, U.S.A., xv. 29.
- , J. Russell, American writer, I. 724, 727, 728, 733.
- LÖWENTHAL, J., Hungarian chess-player, v. 602.
- LOWES, Loch of the, Scotland, XXI. 638.
- LOWESTOFT, town, England, xv. 30.
- LOWICZ, town, Russian Poland, xv. 30; XXIV. 375.
- LOW LATIN, of Middle Ages, xx. 666.
- LOW-MOOR IRON-WORKS, Yorkshire, England, XVII. 558.
- LOWTH, Robert, bishop of London, xv. 30.
- LOW WATER, Tidal, XXIII. 369.
- LOXA, or Loja, town, Spain, XIV. 809.
- LOXODON, genus of ungulate mammals, xv. 425.
- LOXODROMIC MAPS, xv. 518.
- LOXOSOMA, genus of Polyzoa, XIX. 438, 439.
- LOYALTY ISLANDS, South Pacific, xv. 30, 835; XIX. 421.
- LOYOLA, Ignatius de, St, founder of the Jesuits, xv. 31; XIII. 652; his relations with Xavier, XXIV. 716.
- LOYSON, Hyacinthe (Father Hyacinthe), XVII. 754.
- LOZENGE, confection, VI. 256.
- , in heraldry, XI. 697.
- LOZÈRE, department, France, xv. 31.
- , Mount, Cevennes, France, v. 358.
- L. S. D., explained, XVII. 655.
- LU, Annals of, Confucius's, VI. 259, 263.
- LUALABA, river, Africa, I. 248.
- LUANG PRABANG, Shan state, Burmah, XXI. 773; town, XXI. 853.
- LUAPULA, river, Central Africa, XXIV. 763.
- LÜBECK, free city, Germany, xv. 31; XI. 450; organ at, XVII. 837.
- , principality, Germany, XVII. 757.
- , Child of (C. H. Heineken), XI. 628.
- LUBÉRON, mountains, France, XXIV. 114.
- LUBIM, town, Russia, XXIV. 731.
- LUBLIN, town, Russian Poland, xv. 34; diet of (1569), XIX. 291; government, XIX. 309.
- LUBNAIG, Loch, Scotland, XVIII. 666.
- LUBNV, town, Russia, XIX. 410.
- LUBRICANTS, machine oils, xv. 34; XVIII. 242.
- LUC, André de, Swiss writer, XXII. 799.
- LUCA (Lucca), ancient town, Italy, xv. 39.
- , Giordano (nicknamed Fa Presto), Italian painter, x. 606.
- DA CORTONA (Signorelli), Italian painter, XXII. 50.
- LUCAN, Marcus Annæus, Roman poet, xv. 36; xx. 726; language and style of, XIV. 337.
- LUCANIA, ancient province, Italy, xv. 37.
- LUCANIANS, ancient Italian people, XXI. 128, 248.
- LUCARIS, Cyril, Greek Church reformer, XI. 158.

- LUCAS of Leyden, Dutch artist, xv. 38.
— of Tuy, Spanish chronicler, xxii. 354.
—, Margaret, duchess of Newcastle, xvii. 380.
— DE BURGO (Paciolus), his work on algebra and arithmetic, i. 512; ii. 526.
LUCASTA, Lovelace's poems, xv. 28.
LUCAYAS, or Bahamas, islands, West Indies, iii. 236.
LUCCA, province, Italy, xxiii. 670.
—, town, Italy, xv. 38; bridge at, iv. 330; contests with Pisa, xix. 119; its school of painting, xxi. 433, 442.
—, Baths of, Italy, xv. 39; xvi. 433.
LUCE BAY, Wigtown, Scotland, xxiv. 562.
LUCENA, town, Spain, xv. 39.
LUCENTUM (Alicante), ancient town, Spain, i. 574.
LUCERA, town, Italy, xv. 39.
LUCERES, early Roman tribe, xx. 732.
LUCERIA (Lucera), ancient town, Italy, xv. 39.
LUCERNARIÆ, order of Hydrozoa, xii. 556.
LUCERNE, canton, Switzerland, xv. 40; town, xv. 40; xxii. 783.
—, Lake of, Switzerland, xv. 41; xiv. 218; xxii. 777.
—, plant, i. 378.
LUCETIUS, epithet of Jupiter, xiii. 780.
LUCHON, Bagnères de, town, France, iii. 235; mineral water of, xvi. 435.
LUCSSAPHIR, mineral, xvi. 418.
LUCIA, St. of Syracuse, xv. 41.
LUCIAN, Greek satirist, xv. 42; xxi. 319; his allusions to Jesus Christ, xiii. 658; as writer of fiction, xx. 633.
—, editor of Septuagint and martyr, xv. 46.
LUCIC, Hannibal, Ragusan poet, xxi. 690.
LUCIDOR THE UNFORTUNATE (Lars J. Humerus), Swedish poet, xii. 356; xxii. 755.
LUCIFER, bishop of Cagliari, xv. 46.
LUCILIUS, Roman poet and satirist, xv. 46; xx. 718; xxi. 318; his Latinity, xiv. 332.
LUCIOPERCA, genus of fishes, xviii. 521; xix. 89.
LUCIOTRUTTA, genus of fishes, xxi. 221, 224.
LUCIUS I., pope, xv. 48.
— II., pope, xv. 48; xx. 792.
— III., pope, xv. 48.
—, or the Ass, treatise ascribed to Lucian, xiv. 43.
LÜCKE, Gottfried Christian Friedrich, German theologian, xv. 48.
LUCKENWALDE, town, Prussia, xv. 48.
LUCKIMPOOR (Lakhimpur), district, India, xiv. 224.
LUCKNOW, district, India, xv. 48; town, xv. 49; xviii. 72; observatory at, xvii. 716; siege of (1857), xii. 810.
- LUÇON (Luzon), island, Philippines, xviii. 748, 751.
—, town, France, xxiv. 138.
LUCRETIA BORGIA, iv. 53; i. 487, 489.
LUCRETIUS (T. Lucretius Carus), Roman poet, xv. 50; xx. 721; on atoms, iii. 37; his Epicurean doctrines, viii. 476; on evolution, viii. 757; his language and style, xiv. 334.
LUCULLITE, mineral, xvi. 397.
LUCULLUS, Lucius Licinius, Roman consul, xv. 55.
LUCUS AUGUSTI (Lugo), ancient town, Spain, xv. 61.
LUCY, St. of Syracuse, xv. 41.
—, M. de, on the flight of birds and insects, ix. 316.
—, Sir Thomas, of Charlecote, Shakespeare's connexion with, xxi. 753.
LUD, Ned, leader of the Luddites, xv. 57.
LUDDITES, English rioters (1811), xv. 57.
LÜDENSCHIED, town, Westphalia, Prussia, xxiv. 517.
LUDHIANA, or Ludiana, district, India, xv. 58; xx. 109; town, xv. 58.
LUDI ROMANI, etc., festivals in honour of Jupiter, xiii. 780.
LUDLAMITE, mineral, xvi. 404.
LUDLOW, town, England, xv. 58; xxi. 648.
—, Edmund, Cromwellian general, xv. 59.
—, Mr., Christian socialist, xxii. 210.
LUDOLF, duke of Saxony, xxi. 352.
—, Hiob, German Orientalist, xv. 59.
LUDOVICO (Il Moro), duke of Milan, xiii. 481.
LUDOVISIO, Alessandro (Pope Gregory XV.), xi. 178.
LÜDTGE, on liquid films, v. 58.
LUDWIG. See Louis.
— ALOYSIUS, prince of Hohenlohe, French marshal, xii. 51.
LUDWIGITE, mineral, xvi. 396.
LUDWIGSBURG, town, Württemberg, xv. 59; population, xxiv. 701.
LUDWIGS-CANAL, Bavaria, iii. 451.
LUDWIGSHAFEN, suburb of Mannheim, Germany, xv. 494.
LUDWIGSLIED, German ballad, x. 522.
LUGA, town, Russia, xxi. 190.
LUGAN, mines, Russia, xv. 60.
LUGANO, town, Switzerland, xv. 60; xxiii. 351.
—, Lake of, Switzerland, xv. 60; xxii. 777.
LUGANSKY, town, Russia, xv. 60.
LUGANSKY, Kossack (V. I. Dahl), Russian writer, vi. 762.
LUGDUNUM (Lyons), ancient town, France, xv. 112.
— BATAVORUM (Leyden), ancient town, Holland, xiv. 495.
LUGGIE, The, Gray's poem, xi. 76.
- LUGNAQUILLA, mountain, Ireland, xiii. 215; xxiv. 557.
LUGO, province, Spain, xv. 60; town, xv. 61.
LUGOS, town, Hungary, xv. 61.
LUGUET, mountain, France, xx. 119.
LUHATSCHOWITZ, spa, Moravia, xvi. 435.
LU-HIEN, town, China, xxiii. 607.
LUIKEN, Jan, Dutch writer, xii. 95.
LUINI, Bernardino, Italian painter, xv. 61.
LUINO, town, Italy, xv. 198.
LUIS, king of Portugal, xix. 554.
— DE LEON, Spanish poet and moralist, xiv. 455; xxii. 357, 360.
LUKE, St., the Evangelist, xv. 62; author of Acts of the Apostles, i. 123.
—, Gospel of, x. 789.
— of Prague, leader of the Bohemian Brethren, xvi. 811.
—, Sir Samuel, Samuel Butler's connexion with, iv. 588.
LU-KIANG, river, Tibet, xxiii. 341.
LUKIN, Lionel, inventor of the lifeboat, xiv. 571.
LUKOW, or Lukoff, town, Russian Poland, xv. 63; xxii. 37.
LUKOYANOFF, town, Russia, xv. 63; xvii. 501.
LUKUGA, river, Tanganyika, Africa, xxiii. 45.
LULEÅ ELF, river, Sweden, xxii. 736.
LULLI, or Lully, Giovanni Battista, musician, xv. 63; xvii. 87.
LULLITPOOR, district, India, xiv. 225.
LULLY, Giovanni Battista, musician, xv. 63; xvii. 87.
—, Raymond, Spanish devotee, xv. 63; on mnemonics, xvi. 532; his poems, xxii. 363, 364.
LULONGO, affluent of the Congo, Africa, xxiv. 764.
LUMACHELLA, or Lumachello, variety of marble, xv. 529; xvi. 397.
LUMBAGO, disease, xv. 65.
LUMBAR VERTEBRÆ, Anatomy of the, i. 821.
LUMBER, ix. 404; sawing of, xxi. 345; trade in Canada, iv. 774; in Michigan, xvi. 238; of U.S.A., xxiii. 811.
LUMBRICOID, parasitic worm, xxiv. 205.
LUMBRICUS, genus of worms, xxiv. 678.
LUMINOSITY, of flame, ix. 282; of insects, xiii. 143.
LUMINOUS PAINT, xiv. 603.
LUMP-FISH, xv. 65.
LUMP-SUCKER, fish, xv. 65; xii. 690.
LUNA, Alvaro de, constable of Castile, xxii. 321.
—, Peter de (Pope Benedict XIII.), iii. 558.
LUNACY, xiii. 95; law relating to, xiii. 111.
LUNAR ABERRATION, xvii. 260.

- LUNAR CAUSTIC, or Nitrate of Silver, XXII. 71.
 LUNAR CYCLE, IV. 670.
 LUNARDI, Vincent, aeronaut, I. 190.
 LUNAR NUTATION, XVII. 260.
 LUNAR PARALLAX, XVIII. 252.
 LUNAR TABLES, Mayer's, XV. 649.
 LUNAR THEORY, XVI. 798.
 LUNAR TIDES, XXIII. 353, 356, 365, 368; schedule of, XXIII. 365.
 LUNAR YEAR, IV. 668.
 LUNAR ZODIAC, XXIV. 793.
 LUNAR ZODIACAL LIGHT, XXIV. 797.
 LUNATIC ASYLUMS, XIII. 110; pauper, XIX. 477.
 LUND, town, Sweden, XV. 65; observatory at, XVII. 714; university, XXIII. 850.
 LUNDY, Benjamin, American abolitionist, XXII. 142.
 LÜNEBURG, town, Prussia, XV. 65.
 LÜNEBURGITE, mineral, XVI. 408.
 LUNENBURG, town, Nova Scotia, XVII. 603.
 LUNETTE, in fortification, IX. 437.
 LUNÉVILLE, town, France, XV. 66; peace of, III. 132; IX. 613; treaty of (1801), XVII. 202.
 LUNG-PLAGUE, cattle disease, XVII. 60.
 LUNGS, XX. 475; in relation to blood circulation, XXIV. 102, 108; congestion of, XVIII. 395; emphysema in, VIII. 180; inflammation of, XIX. 249; tubercle in (phthisis), XVIII. 855; of birds, III. 727; of mammals, XV. 365.
 LUNNITE, mineral, XVI. 406.
 LUPERCALIA, Roman festival, XV. 66; VIII. 835.
 LUPIÆ (Lecce), town, Italy, XIV. 397.
 LUPINE, plant, XV. 66.
 LUPUL, Vasilje, voivode of Moldavia, XXI. 19.
 LUPULINA, vegetable alkaloid, XVII. 231.
 LUPUS, skin disease, XVIII. 406; XXII. 121.
 LUQUE, town, Paraguay, XVIII. 244.
 LURAY CAVERN, Virginia, U.S.A., XV. 67.
 LURE, town, France, XXI. 301.
 LURGAN, town, Ireland, XV. 68.
 LURI, people, Persia, XV. 68.
 LURIA, or Lurye, Shelomoth, Jewish rabbi, XX. 473.
 LURISTAN, province, Persia, XV. 68.
 LUSATIA, district, Germany, XV. 69.
 LUSATIAN-WENDISH LANGUAGE, XXII. 153.
 LUSHAI HILLS, district, India, XV. 69.
 LUSIAD, Camoens's poem, IV. 749; Mickle's translation of, XVI. 242.
 LUSITANIA, Roman province in Spain, XIX. 539; XXII. 307.
 LUSTRATION, Greek and Roman rite, XV. 69.
 LUSTRE, of crystals, XVI. 372.
 LUSTRED WARE, pottery, XIX. 620.
 LUTE, musical instrument, XV. 70.
 LUTETIA (Paris), ancient town, France, XVIII. 286.
 LUTEVA (Lodève), ancient town, France, XIV. 767.
 LUTF ALI KHAN, Persian ruler, XVIII. 645.
 LUTHER, Martin, German Reformer, XV. 71; X. 497; XX. 325; on the canon, V. 14; his influence on the Church of England, VIII. 374; his Colloquia Mensalia, I. 785; hymns by, XII. 585; his influence on literature, X. 528; his relations with Carlstadt, V. 113; with Melancthon, XV. 833; with Spalatin, XXII. 366.
 LUTHERAN CHURCH, XV. 84; Pietism in, XIX. 83; service of, XIV. 712.
 LUTHERANS, XV. 84.
 LUTHER MUSEUM, Wittenberg, Germany, XXIV. 625.
 LÜTKE, Feodor Petrovich, Russian Arctic explorer, XIX. 319.
 LUTON, town, England, XV. 86; III. 483; straw-plaiting at, XXII. 593.
 — HOO, mansion, Bedfordshire, England, Library of, III. 483.
 LUTRA, genus of carnivorous mammals, XVIII. 69; XV. 439.
 LUTREOLA, subgenus of carnivorous mammals, XVI. 474.
 LUTRINÆ, subfamily of carnivorous mammals, XV. 439.
 LU-TSE-KIANG, river, Tibet, XXIII. 339, 341.
 LUTSIN, town, Russia, XXIV. 262.
 LUTTERNBURG, Prussia, Battle of (1762), III. 129.
 LÜTZELBURG, or Luxemburg (*q.v.*), town, XV. 88.
 LÜTZEN, Prussia, Battle of (1632), III. 125; XXIV. 329; battle of (1813), XVII. 219.
 LUTZK, town, Russia, XV. 86.
 LUVU, kingdom, Celebes, V. 289.
 LUXEMBOURG, Duc de, marshal of France, XV. 86.
 LUXEMBURG, grand-duchy, Europe, XV. 87; town, XV. 88.
 —, province, Belgium, XV. 88.
 LUXEUIL, town, France, XXI. 301; monastery of, VI. 167; XVI. 707.
 LUXOR, town, Egypt, XV. 89; temple of, VII. 776.
 LUXULLIANITE, rock, XI. 49; XIX. 521.
 LUXURY, Laws against, XXII. 644.
 LUYNES, Count of, favourite of Louis XIII., IX. 567.
 LUZAN, Ignacio de, Spanish writer, XXII. 360.
 LUZERN (Lucerne), canton and town, Switzerland, XV. 40.
 LUZON, island, Philippines, XVIII. 748, 751.
 LUZONITE, mineral, XVI. 396.
 LUZZATI (Luigi), Italian economist, XIX. 394.
 LUZZO, Pietro (Morto da Feltre), Italian painter, IX. 69.
 LYCÆUS, mountain, Arcadia, Greece, XVII. 770.
 LYCANTHROPY, belief in animal transformation, XV. 89; XXI. 135.
 LYCAON, mythical king of Arcadia, XV. 92.
 —, genus of carnivorous mammals, XV. 439.
 LYCAONIA, province, Asia Minor, XV. 92.
 LYCEIUM, temple, ancient Athens, III. 2.
 LYCHNEUS, or Lychnites, Parian marble, XV. 528; XVIII. 319.
 LYCHNOKAIE, Egyptian lamp festival, XIV. 247.
 LYCIA, district, Asia Minor, XV. 92; coins of, XVII. 648.
 LYCIAN MARBLES, in British Museum, IX. 67.
 LYCIDAS, Milton's poem, XVI. 326.
 LYCODONTIDÆ, family of snakes, XXII. 193, 195.
 LYCOPHRON, Greek poet, XV. 94; I. 499.
 LYCOPODIACEÆ, order of plants, IX. 106; XV. 94; XXIV. 129.
 LYCOPODIUM, genus of mosses, XV. 94.
 LYCORTAS, leader of Achaean League, XIX. 411.
 LYCOSA, genus of spiders, XXIII. 60.
 LYCURGUS, Attic orator, XV. 97.
 —, Athenian ruler, XIX. 130.
 —, Spartan lawgiver, XV. 95; XI. 93; laws of, XXII. 370.
 LYCUS, river, Asia Minor, XIX. 459.
 LYDENBURG, Transvaal, Gold diggings at, XXIII. 518.
 LYDGATE, John, English monk and poet, XV. 97; VIII. 412.
 LYDIA, district, Asia Minor, XV. 98; coins of, XVII. 645, 648; wars with Persia, XVIII. 563, 565.
 LYDIAN STONE, mineral, XVI. 389.
 LYDUS, king of Lydia, XV. 98.
 LYELL, Sir Charles, British geologist, XV. 101.
 LYGDAMUS, Latin poems of, XXIII. 350.
 LYING-IN HOSPITALS, XII. 302.
 LYLIV, or Lylie, John, English writer and dramatist, XV. 103; VII. 429; VIII. 421; XX. 660.
 LYMINGTON, town, England, XV. 105.
 LYMPH, fluid in vascular system, I. 846, 906.
 LYMPHATIC GLANDS, Cancer in, XVIII. 382.
 LYMPHATICS, Anatomy of, I. 906.
 LYMPHATIC VESSELS, of mammals, XV. 364; in man, I. 907.
 LYMPH-SCROTUM, disease, XVIII. 270.
 LYNAKER (Linacre), Thomas, English humanist and physician, XIV. 652.
 LYNCESTIS, Plain of, Macedonia, XV. 136.

- LYNCH, Madame, Irish adventuress in Paraguay, xv. 2.
 LYNCHBURG, town, Virginia, U.S.A., xv. 105.
 LYNCH LAW, xv. 105.
 LYNCURIUM, precious stone, xiii. 532.
 LYNDHURST, Lord, lord chancellor of England, xv. 106.
 LYND SAY, Sir David, early Scottish writer, xv. 106; viii. 415.
 —, Robert, of Pitscottie, Scottish chronicler, xxi. 542.
 LYNE, town, England, xvii. 380.
 LYNN, town, Massachusetts, U.S.A., xv. 109.
 — REGIS, town, England, xv. 109.
 LYNX, carnivorous mammal, xv. 109, 435; skins of, ix. 838.
 LYON, Emma (Lady Hamilton), friend of Nelson, xi. 421.
 —, John, founder of Harrow School, England, xi. 495.
 LYON-KING-AT-ARMS, in Scotland, xi. 688.
 LYONNET, P., Dutch naturalist, xxiv. 806.
 LYONS, town, France, xv. 110; École Martinière at, xxiii. 108; libraries, xiv. 526, 545; observatory, xvii. 712; silk manufacture of, xxii. 65.
 —, Lord, British admiral, xv. 113.
 LYRA, Nicolaus de, mediæval commentator, xv. 113.
 LYRAIDS, meteors, xvi. 111.
 LYRA INNOCENTIUM, Keble's, xiv. 26.
 LYRE, musical instrument, xv. 113; xxiv. 242; Greek names of the strings, xvii. 78.
 LYRE-BIRD, xv. 115.
 LYRIC POETRY, xix. 264; of the Alexandrian school, i. 499; of Greece, xi. 139.
 LYRIE, bird, xxi. 781.
 LYSANDER, Lacedæmonian leader, xv. 117; xviii. 576.
 LYSIAS, Attic orator, xv. 117; compared with Isæus, xiii. 376.
 —, regent of Syria, xiii. 422.
 LYSICRATES, Monument of, at Athens, ii. 407, 411.
 LYSILOMA, genus of trees, xxi. 128.
 LYSIMACHUS, Macedonian king, xv. 119, 142; xviii. 527; fortifier of Smyrna, xxii. 186.
 —, tutor of Alexander, i. 480.
 LYSIPPUS, Greek sculptor, xv. 120; ii. 361.
 LYSIS, dialogue of Plato, xix. 196.
 LYSISTRATA, Aristophanes's play, ii. 509.
 LYSSACINA, order of sponges, xxii. 422.
 LYSTRA, town, Asia Minor, xv. 92.
 LYTE, Henry Francis, hymn-writer, xv. 120.
 LYTHER, fish, xix. 402.
 LYTTELTON, Lord, English statesman and man of letters, xv. 121; his connexion with Fielding, ix. 142.
 LYTTON, Edward Bulwer, Lord, English writer, xv. 121.
 —, Earl, governor-general of India, xii. 811.
 LYWARCH, Cumbrian bard and king, ii. 650.
M, the thirteenth letter of the alphabet, xv. 124.
 MAALSTRÆV, Norwegian literary movement, xvii. 591.
 MAAS, or Meuse, river, France, Belgium, and Holland, xvi. 205; iii. 515; xii. 63; xx. 519; improvement works in, xx. 579; at Rotterdam, xxi. 9.
 MAASARAH, quarries, Egypt, vii. 773.
 MAASTRICHT, or Maestricht, town, Holland, xv. 195; ix. 577.
 MABA, genus of trees, xxi. 317.
 MABILLON, Jean, French historian, xv. 124.
 MABINOIGION, Welsh romances, v. 321; viii. 408.
 MABLY, Gabriel Bonnot de, French historian, ix. 667.
 MABRIAN, romance, xx. 653.
 MABUSE, Jan Gossart, Flemish painter, x. 843.
 MAC, in Gaelic names, v. 799.
 MACABI, islets, Peru, xviii. 671.
 MACACUS, genus of apes, ii. 151.
 MACADAM, John Loudon, on road-making, xx. 582.
 MACALPINE, Kenneth, Pictish king, xvii. 570; xxi. 477.
 MACAO, Portuguese settlement, China, xv. 124.
 MACAQUE, ape, ii. 152.
 MACARONI, article of food, xv. 125.
 —, bird, xviii. 492.
 MACARONIC POEMS, Folengo's, ix. 355.
 MACARTHUR, Captain, early settler in New South Wales, xvii. 411.
 MACARTHY'S ISLAND, West Africa, x. 59.
 MACARTNEY, Earl of, English diplomatist, xv. 125; his embassy to China, v. 651.
 MACASSAR, department, Celebes, v. 288.
 MACATURING, volcano, Philippine Islands, xviii. 749.
 MACAULAY, Lord, English essayist and historian, xv. 125; on Junius, xiii. 776; on Penn, xviii. 496.
 MACAW, bird, xv. 130.
 MACAYO (Maceio), town, Brazil, xv. 145.
 MACBETH, king of Scotland, xv. 130; xxi. 480.
 —, Shakespeare's play, xxi. 764.
 MACCABÆUS, Judas, Jewish leader, xiii. 422; xv. 130.
 MACCABEES, Jewish family, xv. 130; Jerusalem under the, xiii. 641; coins of, xvii. 650.
 —, Books of, xv. 131; ii. 181.
 M'CARTHY, Sir Charles, governor, Cape Coast, Africa, ii. 681.
 MACCARTHY, Dermot, Irish chief, xiv. 52.
 MACCAW, or Macaw, bird, xv. 130.
 M'CLELLAN, George B., American general, xxiii. 775, 789; his presidential contest with Lincoln, xiv. 662.
 MACCLESFIELD, town, England, xv. 131.
 M'CLINTOCK, Sir Leopold, Arctic explorer, xix. 321; his search for Franklin, ix. 721.
 M'CLUER INLET, New Guinea, xvii. 386.
 M'CLURE, Sir Robert John Le Mesurier, Arctic explorer, xv. 132; xix. 321.
 M'CRIE, Thomas, Scottish religious historian, xv. 132.
 MACCULLAGH, James, Irish mathematician, xv. 133.
 MACCULLOCH, Horatio, Scottish painter, xv. 133.
 —, John, Scottish geologist, xv. 133.
 M'CULLOCH, John Ramsay, Scottish political economist, xv. 134; xix. 377.
 MACDONALD, Étienne Jacques Joseph Alexandre, French marshal, xv. 135.
 —, Flora, Scottish Jacobite, v. 427; xv. 135.
 —, Col. J. H. A., on military drill, xxiv. 355.
 —, Lawrence, Scottish sculptor, xv. 136.
 MACDONNEL, A., British chess-player, v. 601.
 MACDONOUGH, Thomas, American naval officer, xxiii. 760.
 MACDUFF, town, Scotland, iii. 311.
 MACE, spice, xvii. 666; oil from, xvii. 744.
 —, Thomas, on psalm-singing, xii. 591.
 MACEDO, José A., Portuguese poet, xix. 557.
 MACEDONIA, country, Europe, xv. 136; xi. 103; under Alexander, i. 480; under Demetrius I.-II., vii. 57, 58; conquest of, by Rome, xx. 753; St Paul in, xviii. 419; army of, ii. 561; coins, xvii. 640; modern, opium culture in, xvii. 789.
 MACEDONIAN EMPIRE, xv. 138; xviii. 582.
 MACEDONICUS, Quintus Cæcilius Metellus, Roman prætor, xvi. 106.
 MACEDONIUS, patriarch of Constantinople, xv. 145.
 MACEIO, town, Brazil, xv. 145.
 MACELLARIUS, Leo I., emperor of the East, xiv. 452.
 MACENE, volatile oil in mace, xvii. 666.
 MACERATA, town, Italy, xv. 145.
 MACERATION, of perfumes, xviii. 526.

- MACESTUS, river, Asia Minor, II. 707; XVIII. 853.
 MACFARQUHAR, Colin, projector of 1st edition of *Encyclopædia Britannica*, VIII. 200.
 MACFERGUS, Angus, Pictish king, XVII. 570; XXI. 476.
 MACFLECKNOE (Thomas Shadwell), satirized by Dryden, XXI. 727.
 M'GILL, James, founder of a college at Montreal, XVI. 794.
 MACGILLICUDDY REEKS, mountains, Ireland, XIII. 215.
 MACGILLIVRAY, William, Scottish naturalist, XV. 145; on American birds, XVIII. 11, 24.
 M'GRATH, John, Irish chronicler, v. 309.
 MACGREGOR, Robert (Rob Roy), Scottish outlaw, XX. 608.
 MACHÆROPTERUS, genus of birds, XV. 455.
 MACHANIDAS, tyrant of Sparta, XVIII. 790.
 MACHETES, genus of birds, XXI. 54.
 MACHIAVELLI, Bernardo, Italian jurist, XV. 146.
 —, Niccolo, Italian politician and moralist, XV. 146; as dramatist, VII. 418; as historian, XIII. 509.
 MACHICOLATIONS, in architecture, II. 467; v. 198.
 MACHIM, Robert, his landing at Madeira, XV. 177.
 MACHINERY, influence of its use on wages, XXIV. 312.
 MACHINES, Theory of, XV. 752; purposes and effects of, vv. 771.
 MACHINE TOOLS, XV. 152.
 MACHPELAH, Cave of, Palestine, XI. 608.
 MACIEJOWICE, Poland, Battle of (1794), XXIV. 376.
 MACINTOSH CLOTH, XII. 842.
 MACK, Alexander, founder of the Duncans, VII. 543.
 M'KAIL, Hugh, Scottish Covenanter, XXI. 516.
 MACKENZIE, Sir Alexander, Canadian explorer, XV. 157; XIX. 318.
 —, Sir George (the Bloody Mackenzie), Scottish lawyer, XV. 158.
 —, Henry, Scottish writer, XV. 158.
 MACKEREL, fish, XV. 159; fishery, IX. 253.
 MACKIE, Alexander, his type-setting machine, XXIII. 701.
 MACKINTOSH, Sir James, Scottish publicist, XV. 160.
 MACLAREN, Charles, editor of *Encyclopædia Britannica*, 6th edition, VIII. 202.
 MACLAURIN, Colin, Scottish mathematician, XV. 161.
 MACLEAN, Mrs (Letitia Elisabeth Landon), English poetess, XIV. 278.
 MACLEAR, Sir Thomas, his measurement of arc of meridian, VII. 599; observations on stellar parallax, XVIII. 253.
 MACLEAY, William Sharpe, on birds, XVIII. 15.
 M'LENNAN, John Ferguson, Scottish anthropologist, XV. 162.
 MACLEOD, Norman, Scottish divine, XV. 163.
 MACLISE, Daniel, Irish painter, XV. 164.
 MACLURE, William, American geologist, XV. 165.
 MACMAHON, Marie E. P. M., president of the French republic, IX. 627, 628; as governor of Algeria, I. 569.
 MACMURROUGH, Dermot, king of Leinster, XIII. 258.
 M'MURROUGH KAVANAGH, Irish chieftain, XIII. 262.
 MACNAGHTEN, Sir William, Murder of, I. 240.
 M'NAUGHT, Mr, his improvements on the steam-engine, XXII. 477, 490.
 MACNEE, Sir Daniel, Scottish painter, XV. 165.
 MACNEILL, Hector, Scottish poet, XV. 165.
 M'NEILL, Sir John, British envoy to Persia, XVIII. 650.
 MÂCON, town, France, XV. 166; XXI. 302; wine of, XXIV. 606.
 MACON, town, Georgia, U.S.A., XV. 166.
 MÂCONNAIS, district, France, XXI. 301.
 MACONCHIE, Captain, on prison discipline, XIX. 754.
 MACPHERSON, Charles, on the irrigation of meadows, I. 374.
 —, James, translator of Ossian, XV. 166; v. 331; IX. 75; X. 13.
 MACQUARIE, Governor, on convict settlements, XIX. 750.
 —, Lake, New South Wales, XVII. 408; river, III. 107.
 MACRAUCHENIDÆ, family of ungulate mammals, XV. 428.
 MACREADY, William Charles, English tragedian, XV. 167.
 MACRI, Gulf of, Asia Minor, XV. 93.
 MACROBIUS, Ambrosius Theodosius, Roman grammarian, XV. 167; his place in Roman literature, XX. 726.
 MACROCYSTIS, genus of sea-weeds, I. 509.
 MACRODOME, in crystallography, XVI. 360.
 MACROGLOSSUS, genus of bats, XV. 410.
 MACRONYX, genus of birds, XIX. 112.
 MACROPODIDÆ, family of marsupial mammals, XIII. 838; XV. 382.
 MACROPUS, genus of marsupial mammals, XIII. 838.
 MACROSCOLIDÆ, family of insectivorous mammals, XV. 402.
 MACROSPORES, in plant development, XX. 424.
 M'SWINEY'S GUN, cave perforation, Ireland, VII. 363.
 MACTRA, genus of Mollusca, XVI. 691.
 MACULLA (Makalla), town, Arabia, XV. 311.
 MADADKATTE, dam of Cauvery river, India, XIV. 19.
 MADAGASCAR, island, Indian Ocean, XV. 168; I. 272; birds of, III. 731, 760; dictionaries of language, VII. 192; reptiles, XX. 468; slavery in, XXII. 144; Ellis's mission to, VIII. 150.
 —, History of, Flacourt's, IX. 275.
 MADAINI, Arab historian, XXIII. 3.
 MADALON, mountain, North Borneo, XXI. 123.
 MADALONUM (Maddaloni), ancient town, Italy, XV. 176.
 MADAME, island, Nova Scotia, XVII. 601.
 MADDALONI, town, Italy, XV. 176.
 —, Duke of, in Masaniello's revolt, XV. 607.
 MADDEN, Sir Frederic, English palæographer, XV. 176.
 MADDER, dye, XV. 176; IV. 687; colouring matter from, I. 577.
 MADEIRA, islands, Atlantic, XV. 177; I. 272; wine of, XV. 178; XXIV. 609; adulteration of wine of, I. 173.
 MADELEY, town, England, XXI. 848.
 MADERNA, Carlo, Italian architect, XX. 836.
 —, Stefano, Italian sculptor, XXI. 570.
 MADHUBANI, town, India, XXIII. 407.
 MADI, Central-African tribes, XVII. 473.
 MADIANA (Martinique), island, West Indies, XV. 586.
 MADIA OIL, XVII. 744, 746.
 MADISON, town, Indiana, U.S.A., XV. 181.
 —, town, Wisconsin, U.S.A., XV. 181; population, XXIV. 617.
 —, river, Wyoming, U.S.A., XXIV. 737.
 —, James, president of United States, XV. 182; XXIII. 748, 752, 759.
 MADNESS, mental disease, XIII. 95; attributed to demoniacal possession, VII. 61.
 MADONIE, mountains, Sicily, XXII. 29.
 MAD PARLIAMENT, The (1258), XI. 659.
 MADRAS, presidency, British India, XV. 184; army of, II. 590.
 —, town, India, XV. 187; rise of, XII. 799; observatory at, XVII. 716; university, XXIII. 856.
 — COLLEGE, St Andrews, Scotland, XXI. 158.
 MADRASI, silkworm, XXII. 60.
 MADRE DE DIOS ARCHIPELAGO, Patagonia, XVIII. 352.
 MADRID, capital of Spain, XV. 189; royal academy at, I. 75; library, XIV. 532, 549; newspapers, XVII. 431; observatory, XVII. 713; picture gallery,

- XXI. 446; Rubens's works at, XXI. 41; university, XXIII. 851; collection of Velazquez's pictures at, XXIV. 133; treaty of (1526), IX. 556.
- MADRID, province, Spain, XV. 189.
- MADRIGAL, in music, XV. 192; X. 677; XVII. 84.
- MADRONA, tree of Pacific coast, U.S.A., XXIII. 810.
- MADURA, district, India, XV. 192.
- , town, India, XV. 193; siege of (1763-4), XX. 398; palace of, II. 396.
- , island, Indian Archipelago, XV. 193; XII. 818; XIII. 600; language of, XIII. 607.
- MÆANDER, river, Asia Minor, II. 708; XVIII. 853.
- MÆCENAS, C. Cilnius, Roman patron of literature, XV. 194.
- MAELMAEDOG UA MORGAIR (St Malachy), archbishop of Armagh, XV. 315.
- MÆLZEL'S METRONOME, XVI. 198.
- MÆNADS, Greek worshippers of Bacchus, XVII. 839.
- MAENHIRS, or Menhirs, rude stone monuments, II. 383; XXI. 51; at Carnac, V. 118.
- MÆONIA, ancient town, Asia Minor, XV. 98.
- MAERLANT, Jakob van, Dutch writer, XII. 90.
- MAESE, or Meuse (*Maas, q.v.*), river, France and Netherlands, XVI. 205.
- MAESTLIN, Michael, German scholar, XIV. 45.
- MAESTRICHT, town, Holland, XV. 195; siege of (1673), IX. 577.
- MAFFEI, Francesco Scipione, Italian writer, XV. 196; VII. 417.
- , Raphael, his *Commentarii Urbani*, VIII. 193.
- MAFIA, island, Zanzibar, Africa, XXIV. 768.
- MAFOR, Papuan language, XVIII. 231.
- MAFRA, town, Portugal, XV. 196.
- MAFU, town, Senegal, Africa, XXI. 660.
- MAGADHA, kingdom, India, III. 508; XII. 787.
- MAGADIS, Greek musical instrument, XVII. 79.
- MAGALHAES, or Magellan (*q.v.*), Fernão de, Portuguese navigator, XV. 197.
- MAGALLANES, province, Chili, V. 617.
- MAGARS, Nepalese race, XVII. 341.
- MAGATI, Cæsar, Italian surgeon, XXII. 676.
- MAGAZINES, periodical literature, XVIII. 536.
- MAGDALA, stronghold, Abyssinia, XV. 196; I. 67.
- , Palestine, Site of, X. 30.
- MAGDALENA, island, Chilian Patagonia, XVIII. 352.
- , river, Colombia, South America, VI. 153.
- MAGDALEN COLLEGE, Oxford, XVIII. 97.
- MAGDALENE COLLEGE, Cambridge, IV. 731.
- MAGDALEN ISLANDS, Canada, XX. 165.
- MAGDEBURG, duchy, Germany, XXI. 359.
- , town, Prussia, XV. 196; XX. 16; XXI. 360; organ in cathedral, XVII. 836; cathedral sculptures, XXI. 564, 565.
- MAGELLAN, Ferdinand, Portuguese navigator, XV. 197; XVIII. 115; his discoveries, II. 489; X. 182.
- STRAIT, South America, XV. 198; XVIII. 116, 352; XXIII. 383; discovered by Magellan, II. 489; Drake's expedition through, VII. 390.
- MAGENTA, dye, II. 48.
- , Italy, Battle of (1859), III. 138; IX. 624; XIII. 490; XVII. 228.
- MAGGIORE, Lago, lake, Italy and Switzerland, XV. 198; XIII. 440; XIV. 218; XXII. 777; islands in, IV. 64.
- MAGHIANA, town, India, XV. 198.
- MAGHIL, town, Turkey in Asia, IV. 577.
- MAGI, Persian priests, XV. 199; XVIII. 564; XXIV. 820; visit of, to Bethlehem, XIII. 660.
- MAGIC, XV. 199; among prehistoric races, VIII. 623; punishment for practising, XXIV. 619; in Lapland, XIV. 307; John Napier's belief in, XVII. 183; Virgil's reputation for, in the Middle Ages, XX. 641.
- , White, XV. 207; XIV. 415.
- LANTERN, XV. 211.
- MIRRORS, XVI. 501.
- SQUARE, XV. 213.
- MAGISTER SENTENTIARUM (Peter Lombard, *q.v.*), mediæval theologian, XIV. 813.
- MAGISTRACY, Roman, XX. 738, 771.
- MAGISTRATE, administrative officer, XV. 216; XIII. 762, 789.
- MAGLIABECHI, Antonio, Italian bibliophile, XV. 217; XIV. 530, 548.
- MAGNA CHARTA, of England, V. 432; VIII. 306, 308; XIII. 714; signing of, XIV. 287; its effect on parliament, XVIII. 304.
- MAGNA GRÆCIA, district, ancient Italy, XI. 30, 95.
- MAGNANERIE, silkworm house, XXII. 58.
- MAGNECRYSTALLIC ACTION, XV. 264.
- MAGNENTIUS, Hrabanus Maurus, XII. 326; VIII. 191.
- MAGNESIA, mineral, XV. 218; as manure, XV. 509.
- AD MÆANDRUM, town, Ionia, Asia Minor, XV. 217.
- AD SIPYLUM, town, Lydia, Asia Minor, XV. 217, 98, 490; XXIII. 48; battle of (190 B.C.), XX. 753.
- MAGNESIO-FERRITE, mineral, XVI. 386.
- MAGNESITE, mineral, XV. 217; XVI. 397.
- MAGNESIUM, chemical element, XV. 217; V. 526; as plant food, XIX. 49; spectrum of, XXII. 376.
- MAGNET, or Loadstone, XV. 219, 274; in mariner's compass, VI. 225; vibrations of, at various heights, I. 199.
- MAGNETIC CARBIDE, filtering medium, IX. 168.
- MAGNETIC IRON ORE, XIII. 287; XV. 219, 274.
- MAGNETIC SUSCEPTIBILITIES, Table of, XV. 267.
- MAGNETISM, XV. 219; XIX. 3; in relation to the aurora, III. 95; effect of, on the compass, VI. 225; in relation to electricity, I. 749; VIII. 10, 66; in iron, XIII. 278; mechanical power of, XV. 773; in minerals, XVI. 376; as supposed basis for perpetual motion, XVIII. 555; contributions to the science by Æpinus, I. 183; by Arago, II. 303; by Gauss, X. 116; by Gay-Lussac, X. 122; by Gilbert, X. 592; by Henry, XI. 675; by J. T. Mayer, XV. 649; by Plücker, XIX. 229; by Sabine, XXI. 128.
- , Animal, XV. 277.
- , Terrestrial, XVI. 159; J. T. Mayer's papers on, XV. 649.
- MAGNETITE, mineral, XVI. 386.
- MAGNETOGRAPHS, Self-recording, XVI. 161.
- MAGNETOMETER, Differential, XVI. 161; unifilar, XV. 238.
- MAGNIFYING POWER, in optics, XXIV. 424; of microscope, XVI. 270.
- MAGNITUDES, Measurement of, XV. 660; XVI. 13.
- , Incommensurable, Discovery of, XX. 141.
- MAGNOLIA, tree, XV. 283; in U.S.A., XXIII. 808.
- MAGNOLITE, mineral, XVI. 403.
- MAGNON, Jean de, his *Science Universelle*, VIII. 194.
- MAGNUS, king of Sweden, XXII. 745.
- , Heinrich Gustav, German chemist, XV. 283.
- , Olaus and Johannes, Swedish ecclesiastics, XVII. 752.
- BAREFOOT, Norwegian king, XVII. 587.
- CLEMENS MAXIMUS, Roman emperor, XV. 645.
- ERICSSON, king of Sweden, XXII. 746.
- LAGABÆTR, Norwegian king, XVII. 588.
- MAGNUS'S GREEN SALT, XIX. 192.
- MAGNUSSON, Arni, Icelandic scholar, XV. 284; XII. 626.
- MAGNY, Olivier de, French poet, IX. 651.
- MAGO, king of Carthage, V. 160.

- MAGO, Carthaginian general, xv. 284; v. 161.
- MAGOG, of Scripture, x. 738; XIII. 593.
- MAGPIE, bird, xv. 284; blue, of Spain, XXII. 297; hunting of, with hawks, IX. 10.
- MAGRA, river, Italy, XIII. 437.
- MAGYAR LANGUAGE, XII. 374; XXIV. 2.
- MAGYAR LITERATURE, XII. 375.
- MAGYARS, people of Hungary, XII. 365, 367; their invasion of Germany, x. 481, 482, 484; in Italy, XIII. 468.
- MAHABALESHWAR, station, India, xv. 285.
- MAHABHARATA, Sanskrit epic, XXI. 281; VII. 396.
- MAHANADI, or Mahanuddy, river, India, xv. 285; III. 671; v. 243.
- MAHANANDA, river, India, xv. 327.
- MAHANOV CITY, town, Pennsylvania, U.S.A., xv. 285.
- MAHANUDDY, river, India, xv. 285; III. 671; v. 243.
- MAHARAJA, Indian title, XII. 796.
- MAHARSHAL, Jewish rabbi, XX. 473.
- MAHASEER, fish, xv. 285.
- MAHAVANSA, Pali chronicle, XVIII. 184.
- MAHAVELI-GANGA, river, Ceylon, v. 360.
- MAHA-VIRA, leader of the Jains, India, XIII. 543.
- MAHAZOR, or Mahzor, Jewish cycle and liturgy, xv. 292.
- MAHDI, Mohammedan deliverer or messiah, xv. 285; XXII. 666.
- (Mohammed E. Mansur), caliph, XVI. 580.
- MAHDIYA, town, Tunis, XXIII. 620.
- MAHÉ, French settlement, India, xv. 285; XXI. 725.
- DE LABOURDONNAIS, French governor, Mauritius, xv. 641.
- MAHEE COUNTRY, Dahomey, Africa, VI. 765.
- MAHEL BALEVEL, affluent of Niger, Africa, XVII. 497.
- MAHI, river, India, XX. 260.
- KANTHA, states, India, xv. 286.
- MAHILLON, Victor, writer on musical instruments, XIX. 72.
- MAHL-STICK, painter's implement, XVIII. 137.
- MAHMOUDIEH (or MAHMOODEEYEH) CANAL, Egypt, VII. 709; I. 495.
- MAHMUD I., Turkish sultan, XXIII. 647.
- II., Turkish sultan, XXIII. 648.
- of Ghazni, conqueror of India, xv. 286; I. 239; XII. 792; tower of, at Ghazni, x. 560; his treatment of Firdousi, IX. 225.
- , the Afghan, Invasion of Persia by, XVIII. 640.
- PASHA, Turkish minister, XXIII. 652.
- MAHOGANY, tree, xv. 288; IX. 406; strength of, XXII. 603.
- MAHOMET, or Mohammed (*q.v.*), founder of Islam, XVI. 545.
- AND HIS SUCCESSORS, Irving's work, XIII. 373.
- MAHOMETANISM, or Mohammedanism (*q.v.*), religion of Mohammed, XVI. 545.
- MAHOMMED B. MUSA, his treatise on algebra, I. 512.
- MAHON, or Port Mahon, town, Minorca, XIX. 531.
- MAHONY, Francis, Irish song-writer, xv. 288.
- MAHRAH, district, Arabia, II. 254.
- MAHRATTAS, race of people, India, xv. 288; rise of, XII. 795, 804; of Berar, III. 583; war against, XI. 513, 517; Wellington's part in it, XXIV. 494; Elphinstone's policy towards them, VIII. 153.
- MÄHREN (Moravia, *q.v.*), XVI. 810.
- MAHSEER, or Mahaseer, fish, xv. 285.
- MAHWA BUTTER, vegetable fat, XVII. 744, 747.
- MAHZOR, Jewish cycle and liturgy, xv. 292.
- MAI, Angelo, Italian cardinal, xv. 293.
- MAIA, of Greek mythology, xv. 294.
- MAIAITI, island, Tahiti Archipelago, Pacific, XXIII. 22.
- MAIANO, Benedetto (da), Florentine sculptor, XXI. 560.
- , Giovanni, Florentine sculptor, XXI. 560.
- MAIDALCHINA, Olympia, her influence over Pope Innocent X., XIII. 85.
- MAIDAN, district, India, XVII. 123.
- , town, Syria, VI. 678.
- MAIDEN, Scottish guillotine, XI. 263.
- MAIDENHEAD, town, England, xv. 294.
- MAIDEN PAPS, hills, Scotland, IV. 647.
- MAID MARIAN, of the morris dances, XVI. 846.
- MAID OF KENT (Elizabeth Barton), religious enthusiast, III. 404.
- MAID OF NORWAY, Princess Margaret, xv. 537; I. 491; XVII. 588; XXI. 486.
- MAID OF ORLEANS (Joan of Arc, *q.v.*), XIII. 695.
- MAIDS OF HONOUR, at court of England, XXI. 37.
- MAIDSTONE, town, England, xv. 294.
- MAIDUN CASTLE, Dorset, England, XVII. 372.
- MAIER, Johann (J. M. von Eck), opponent of Luther, VII. 641.
- MAIFEUER, German custom, XVIII. 170.
- MAIKOFF, Apollon N., Russian poet, XXI. 109.
- MAIL ARMOUR, II. 556.
- MAILLARD, Olivier, early French preacher, IX. 648.
- MAILLÉ, Claire Clémence de, wife of the Great Condé, VI. 245.
- MAILLOTINS, Parisian insurgents, v. 410.
- MAILLY, Abbé, French musician, XVII. 87.
- MAIL-SERVICE, XIX. 562.
- MAIM, or Mayhem, in law, xv. 649.
- MAIMANA, province, Afghanistan, I. 243.
- MAIMANSINH, district, India, xv. 294.
- MAIMBOURG, Louis, French historical writer, xv. 295.
- MAIMONIDES, Jewish writer and physician, xv. 295, 805.
- MAIN, river, Germany, xx. 519.
- , Minean town, Arabia, XXIV. 740.
- MAINA, bird, XI. 26.
- MAINE, old province, France, xv. 297.
- , river, France, XIV. 806.
- , State, U.S.A., xv. 297.
- , Sir Henry, on law, XIV. 358, 364.
- DE BIRAN, François P. G., French philosopher, xv. 302; his influence on Cousin, VI. 522.
- MAINE-ET-LOIRE, department, France, xv. 302.
- MAINE LIQUOR LAW, xv. 299.
- MAINOTES, Greek race, XI. 84.
- MAINPURI, district, India, xv. 303; town, xv. 304.
- MAINTENON, France, Aqueduct bridge of, II. 222.
- , Marquise de, second wife of Louis XIV. of France, xv. 304; IX. 578; wife of Scarron, XXI. 378; her patronage of Racine, xx. 208.
- MAINZ, town, Germany, xv. 305; early printing at, XXIII. 684; aqueduct, II. 221; libraries, XIV. 547; university, XXIII. 842, 848.
- MAIO, one of Cape Verd Islands, v. 52.
- MAIR, or Major, John, Scottish writer, xv. 310.
- MAIRA PARANG, town, India, XVIII. 684.
- MAIRS, race of people, India, II. 310.
- MAISON CARRÉE, Roman temple, Nîmes, France, XVII. 510.
- MAISTRE, Joseph de, Savoyard diplomatist and polemical writer, xv. 306.
- , Xavier de, Savoyard writer, xv. 307; IX. 672.
- MAISUR, state, India, XVII. 123.
- MAITLAND, town, New South Wales, xv. 307.
- , John, duke of Lauderdale, xv. 308.
- , Sir Richard, Scottish lawyer and poet, xv. 308; XXI. 541.
- , Sir Thomas, commissioner of Ionian Islands, XIII. 206.
- , William, of Lethington, Scottish politician, xv. 308, 595; XXI. 502.
- CLUB, The, Scotland, xv. 308.
- MAÎTRE, Antoine Le, Port-Royalist, XIX. 533.
- PATELIN, French satire, IX. 645.
- MAITTAIRE, Michel, French scholar, xv. 308.
- MAIZE, or Indian Corn, xv. 309; malt from, IV. 271.

- MAIZENA, or Corn Flour, xv. 310.
 MAIZE OIL, xvii. 744, 746.
 MAIZE STARCH, xxii. 456.
 MAJELLA, Monte della, mountain, Italy, xiii. 437.
 MAJESTÄTSBRIEF, grant of equal rights to Protestants, xvii. 365.
 MAJESTY, title, xxiii. 418.
 MAJLATH, János, Count, Hungarian historian and poet, xv. 310.
 MAJOLICA WARE, xix. 624.
 MAJOR, George, on good works, xv. 85.
 —, John, Scottish theological and historical writer, xv. 310; xxi. 541.
 MAJORCA, one of the Balearic Islands, Spain, iii. 277; kingdom of, xviii. 556.
 MAJORIANUS, Julius Valerius, emperor of the West, xv. 310; xx. 781.
 MAJORITY, in law, i. 279; xiii. 1.
 MAJULI, island, Assam, India, ii. 719.
 MAKACHINGA, mountain, Siberia, xv. 547.
 MAKALAKAS, African tribe, xv. 588.
 MAKALLA, town, Arabia, xv. 311.
 MAKAMAT, Arabic work by Hariri, xi. 480.
 MAKAM IBRAHIM, sacred place at Mecca, xv. 673.
 MAKARIEVSKAYA FAIR, Nijni-Novgorod, Russia, xvii. 501, 502.
 MAKHZAN-ULASRAR, poem by Nizami, xvii. 522.
 MAKIN ISLAND, Pacific Ocean, xvi. 257.
 MAKIS, or Lemurs, xiv. 440; xv. 444.
 MAKKARI, Arabic historian, xv. 311.
 MAKO, town, Hungary, xv. 311.
 MAKOLOLOS, South-African tribe, xv. 588.
 MAKONG, or Mekong (*q.v.*), river, Asia, xv. 832.
 MAKOW, town, Russia, xiv. 817.
 MAKRIZI, Arabic historian and archaeologist, xv. 311.
 MAKTESH, quarter of Jerusalem, xiii. 640.
 MAKUA, people, East Africa, xvii. 8.
 MAKURTI, mountain, India, xvii. 509.
 MALABAR, district, India, xv. 312.
 MALABRANCA, Angelo, Roman senator, xx. 795.
 MALABRIGO, town, Peru, xviii. 674.
 MALACCA, or Malay Peninsula, xv. 320; weights and measures of, xxiv. 490.
 —, one of the Straits Settlements, xxii. 586.
 —, town, Malay Peninsula, xv. 312, 323.
 —, Strait of, xxii. 638.
 MALACHI, of Scripture, xv. 313.
 MALACHITE, mineral, xv. 314; vi. 347; xvi. 399.
 MALACHY, St, archbishop of Armagh, xv. 315.
 —, ancient Irish king, xiii. 253.
 MALACOBDELLA, genus of nemertine worms, xvii. 326.
 MALACOLITE, mineral, xvi. 416.
 MALACONE, mineral, xvi. 424.
 MALACOPTILA, genus of birds, xx. 101.
 MALADETTA, mountain, Pyrenees, xx. 125.
 MALAGA, province, Spain, xv. 315; town, xv. 316.
 MALAGARASI, river, Africa, xxiii. 45.
 MALAGASY, people of Madagascar, xv. 171.
 — LANGUAGE, Dictionaries of, vii. 192.
 MALAKHOFF, Duke of (J. J. A. Pelissier), French general, xviii. 475.
 MALALAS, John, Chronicle of, iii. 578.
 MALAMOCCO, town, Venice, xxiv. 141.
 MALANTA, one of the Solomon Islands, South Pacific, xxii. 252.
 MALAPANE, river, Silesia, xxii. 52.
 MALAPTERURUS, genus of fishes, xxii. 68.
 MÄLAR, Lake, Sweden, xxii. 553, 736.
 MALARIA, disease, xv. 316; xviii. 394.
 MALASPINA, mountain, Philippine Islands, xviii. 748.
 MALATESTA, ruling family of Rimini, Italy, xx. 556.
 — DEI MALATESTI, Roman senator, xx. 804.
 MALATIA, or Malatiyah, town, Asia Minor, xv. 320; opium of, xvii. 789.
 MALAVIKAGNIMITRA, Sanskrit drama, xiii. 829.
 MALAVOLTI, Orlando, Sienese historian, xxii. 43.
 MALAYALMA, dialect of Tamil language, xxiii. 42; dictionaries of, vii. 191.
 MALAYAN FOWLS, xix. 645.
 MALAY ARCHIPELAGO, Asia, ii. 687; xii. 815.
 MALAY LANGUAGE, xv. 325; dictionaries of, vii. 191.
 MALAY LITERATURE, xv. 325.
 MALAY PENINSULA, Asia, xv. 320; birds of, iii. 763.
 MALAY - POLYNESIAN LANGUAGE, xviii. 779.
 MALAYS, race of people, South-East Asia, xv. 323; ii. 697; xii. 817; in Borneo, iv. 58; religions of, xx. 364.
 MALBAIE, town, Canada, xx. 167.
 MALBERG GLOSSES, on the Salic law, xxi. 213.
 MALCOLM I.-II., kings of Scotland, xxi. 479.
 — III., Canmore, of Scotland, xxi. 480; does homage to William I. of England, xxiv. 576, 577.
 — IV., the Maiden, of Scotland, xxi. 483.
 —, Sir John, Indian administrator, xv. 326; British envoy to Persia, xviii. 647.
 MALCEWSKI, Anton, Polish poet, xix. 304.
 MALDAH. district, India, xv. 327.
 MALDEN, town, Massachusetts, U.S.A., xv. 327.
 MALDIVE ISLANDS, Indian Ocean, xv. 327.
 MALDON, town, England, xv. 332.
 MALDONADO, town, Uruguay, xxiv. 15.
 MALDONITE, mineral, xvi. 393.
 MALE, atoll and town, Maldiv Islands, xv. 331.
 MALEBRANCHE, Nicolas, French philosopher, xv. 332; his development of Cartesianism, v. 148; his influence on French literature, ix. 661; Norris's indebtedness to, xvii. 552.
 MALECKI, Anton, Polish writer, xix. 305.
 MALER KOTLA, state, India, xv. 332.
 MALESHERBES, Chrétien Guillaume de Lamoignon de, French lawyer and politician, xv. 333.
 MALESPINI, Ricardano, Italian writer, xiii. 501.
 MALEVKA, town, Russia, xxiii. 605.
 MALFORMATIONS, Animal, xvi. 762.
 MALHERBE, François de, French poet and critic, xv. 333; ix. 656; xx. 842.
 MALI, town, Mandingo, Africa, xv. 475.
 MALICE, in law, xiv. 506; aforethought, xvii. 52.
 MALIGNANT FEVER, ix. 126.
 MALIGNANT PUSTULE, xxiv. 663.
 MALIK B. ANAS, Moslem juriconsult, xvi. 594.
 MALIKITE, Moslem sect, xvi. 593; xxii. 661.
 MALIK SHAH, Seljuk ruler, xvi. 588; xxi. 635; calendar of, xvii. 771.
 MALINCHE, Sierra de, mountains, Mexico, xxiii. 422.
 MALINDANG, mountain, Philippine Islands, xviii. 748.
 MALINES (Mechlin), town, Belgium, xv. 774; xiv. 188; xxiv. 62.
 MALINKES, or Mandingoes (*q.v.*), African tribe, xv. 475.
 MALINTZI, or Malinche, Sierra de, mountains, Mexico, xxiii. 422.
 MALKITE VERSION, of the Gospels, xxii. 826.
 MALL, or Paille-Maille, game, vi. 608.
 MALLANWAN, town, India, xv. 334.
 MALLARD, bird, vii. 505.
 MALLARDITE, mineral, xvi. 401.
 MALLEABLE IRON AND STEEL, xiii. 281, 327.
 MALLEE-BIRD, xv. 827.
 MALLEMUCK, bird, xv. 334.
 MALLET, Paul Henri, Swiss writer, xv. 335; xxii. 799.
 — DU PAN, Jacques, French journalist, xvii. 424.
 MALLEUS HÆRETICORUM (Johann Faber), French theologian, viii. 835.
 MALLICOLO, island, New Hebrides, xvii. 395.

- MALLOPHAGA, group of insects, XIII. 152; XV. 24.
- MALLORCA, or Majorca, one of the Balearic Islands, Spain, III. 277.
- MALLOTUS, genus of plants, XIII. 831.
- , genus of fishes, XXI. 221, 224.
- MALLOW, plant, XV. 335.
- , town, Ireland, XV. 335.
- MALMESBURY, town, England, XV. 335; parliamentary representation, XXIV. 594.
- , Earl of, English diplomatist, XV. 336.
- , William of, English historical writer, XV. 336.
- MALMING, in brickmaking, IV. 280.
- MALMÖ, town, Sweden, XV. 337; XXII. 742.
- , island, Sweden, XXII. 737.
- MALMÖHUS, county, Sweden, XXII. 741.
- MALMSEY WINE, XV. 178, 346.
- MALMYZH, town, Russia, XXIV. 303.
- MALNAD, district, India, XVII. 123; XXI. 803.
- MALORUSSES, Russian race, XXI. 79.
- MALORY, Sir Thomas, compiler of *Morte Darthur*, XV. 337; X. 173.
- MALOSMADULU, one of Maldivé Islands, XV. 331.
- MALO-TYMOVSK, town, Saghalin, Asia, XXI. 147.
- MALOU, La, spa, France, XVI. 434, 435.
- MALPIGHI, Marcello, Italian anatomist and microscopist, XV. 337; I. 812; his contributions to microscopical anatomy, XXIV. 815; to embryology, VIII. 164; on biological metamorphosis, VIII. 744.
- MALPLAQUET, France, Battle of (1709), III. 126; IX. 582; XV. 555.
- MALSTATT-BURBACH, town, Prussia, XV. 338.
- MÄLSTRÖM, whirlpool, Norway, XIV. 769; XXIV. 540.
- MALT, XV. 338; adulterations of, I. 173; for brewing, IV. 266.
- MALTA, island, Mediterranean Sea, XV. 339, 820; establishment of Knights Hospitallers in, XXI. 174; dockyard, VII. 318; weights and measures of, XXIV. 490.
- MALTE-BRUN, Conrad, geographer, XV. 343.
- MALTHAZITE, mineral, XVI. 424.
- MALTHUS, Thomas Robert, English economist, XV. 343; XIX. 371.
- MALTIN, ferment in barley, XV. 339.
- MALTON, town, England, XV. 345.
- MALTOSE, variety of sugar, XV. 338; XXII. 624.
- MALTSOFF'S WORK, industrial colony, Orel, Russia, XVII. 826.
- MALTZAN, Heinrich K. E. H., Baron, German traveller, XV. 345.
- MALUM EGYPTIACUM, disease, VII. 249.
- MALUS, Étienne Louis, French physicist, XV. 345.
- MALVASIA, town, Greece, XV. 346.
- MALVERN, town, England, XV. 346; encaustic tiles at, VIII. 187.
- HILLS, England, XXIV. 665.
- MALWA, province, India, XV. 346; opium cultivation at, XVII. 789.
- MALWAN, town, India, XX. 292.
- MALY, Jakub, Bohemian writer, XXII. 153.
- MAMADUISH, town, Russia, XIV. 20.
- MAMALIGA, maize porridge, of Roumania, XVIII. 476; XXI. 15.
- MAMALUCO, issue of white and Indian, XVII. 319.
- MAME, people, Central America, XXIV. 760.
- MAMELUKE BEYS AND SULTANS, Egypt, XV. 346; VII. 756; massacre of beys, VII. 762, 764; defeat of, by the Turks, XXIII. 643.
- MAMERS, town, France, XXI. 314.
- MAMERTINE PRISON, Rome, XX. 814.
- MAMILIUS, Octavius, chief of Tusculum, XXIII. 671.
- MAMILLA, pool, Jerusalem, XIII. 638.
- MAMISSON, pass, Caucasus, Russia, V. 253.
- MAMMA, Cancer in the, XVIII. 381, 383.
- MAMMALIA, division of animal kingdom, XV. 347 (index, 446); olfactory organs of, XXII. 166; organs of touch, XXIII. 479; skeleton, XXII. 106; taxidermy, XXIII. 90; of North America, I. 684; in Lankester's classification, XXIV. 812; works on development of, VIII. 168.
- MAMMARY GLANDS, XV. 368; XVI. 302.
- MAMMILLARIA, group of Cactaceae, IV. 625.
- MAMMOTH, extinct ungulate mammal, XV. 447, 425; tusks of, XIII. 522.
- CAYE, Kentucky, U.S.A., XV. 448; XIV. 42; fish of, XII. 693.
- HOT SPRINGS, Yellowstone Park, U.S.A., XXIV. 737.
- SPRING, Arkansas, U.S.A., II. 540.
- MAM SOUL, mountain, Scotland, XX. 854.
- MAMUN, or Al-Mamun, caliph, I. 589; XVI. 582.
- MAMURA, town, Morocco, XVI. 831.
- MAMURAT-EL-AZIZ (Kharput), town, Armenia, XIV. 57.
- MAMURIUS VETURIUS (Mars), Roman divinity, XV. 570.
- MAN, II. 107; his zoological position, XV. 444; creation of, I. 136; myths of the origin of, III. 141; XVII. 157; acclimatization of, I. 88; antiquity of, in America, I. 691; in geology, X. 291, 368; in historic times, II. 342; longevity of, XIV. 858; parasites of, XVIII. 260; prehistoric, II. 333, 341; Philo's doctrine of, XVIII. 762.
- , Archetypal, of Kabbala, XIII. 811.
- MAN, Isle of, Irish Sea, XV. 450; fisheries of, IX. 264; language, V. 298.
- MANA, Syriac writer, XXII. 830.
- MANAAR, Gulf of, Ceylon, V. 359.
- MANACOR, town, Majorca, Spain, XV. 454.
- MANACUS, genus of birds, XV. 455.
- MANADO, residency, Celebes, V. 289.
- MANAGUA, town, Nicaragua, Cent America, XV. 454; XVII. 477; lake, XVII. 477.
- MANAKIN, bird, XV. 455.
- MANANTADI, or Manantoddy, town, India, XV. 455.
- MANASAROWAR, lake, Tibet, XXIII. 340.
- MANASSAS, U.S.A., Battle of (1861), XXIII. 775.
- MANASSEH, king of Judah, XIII. 415.
- , priest of Samaria, XIII. 419.
- , Tribe of, XV. 455; XIII. 401, 749.
- MANASSES, Prayer of, apocryphal book, II. 181.
- MANATEE, sirenian mammal, XV. 456, 390.
- MANBHUM, district, India, XV. 458.
- MANCÉ'S METHOD, of determining electric battery resistance, VIII. 50.
- MANCHA, La, district, Spain, XV. 458.
- MANCHAR, lake, India, IV. 22.
- MANCHE, department, France, XV. 458.
- MANCHESTER, town, England, XV. 459; libraries of, XIV. 521, 544; newspapers, XVII. 422; Victoria University, XXIII. 854; waterworks, II. 224.
- , town, Connecticut, U.S.A., XV. 465.
- , town, New Hampshire, U.S.A., XV. 465; XVII. 392.
- UNITY, of Oddfellows, IX. 782; XVII. 723.
- MANCHOWS, or Manchus (*q.v.*), Mongolian people, XV. 467.
- MANCHURIA, territory, East Asia, XV. 465; II. 686.
- MANCHUS, Mongolian people, XV. 467; XVI. 744; XXIII. 608; invasion of China by, V. 467.
- MANCINI, Hortense, friend of Saint-Evremont, XXI. 168.
- MANCIPATION, in Roman law, XX. 676, 689.
- MANCO, Ynca emperor of Peru, XVIII. 677.
- CAPAC, mythical Peruvian hero, I. 698.
- MANDÆAN LANGUAGE, XXI. 649.
- MANDÆANS, Oriental sect, XV. 467; XXI. 128.
- MANDALAY, town, Burmah, XV. 470.
- MANDAL ELV, river, Norway, XVII. 575.
- MANDAMUS, Writ of, in law, XV. 471.
- MANDARIN, Chinese official, V. 667.
- MANDATE, or Mandatum, in law, XV. 471.
- MANDEVILLE, Bernard de, moralist, XV. 472; his ethical teaching, VIII. 600.

- MANDEVILLE, Jehan de, or Sir John, writer of travels, xv. 473; xvii. 728.
- MANDHAR, kingdom, Celebes, v. 290.
- MANDI, state, Punjab, India, xv. 475.
- MANDINGAN GROUP, of Negroes, xvii. 319.
- MANDINGOES, African people, xv. 475; i. 263; xxi. 662; xxii. 278.
- MANDLA, district, India, xv. 476.
- MANDOLA, Italian lute, xv. 70.
- MANDOLINE, Italian lute, xv. 70.
- MANDRAGOLA, Machiavelli's comedy, xv. 151.
- MANDRAGORA, genus of plants, xv. 476; use of, as an anæsthetic, i. 789.
- MANDRAKE, plant, xv. 476.
- MAN-DRAM, pickle, v. 280.
- MANDRILL, baboon, xv. 476.
- MANDURAH, town, Western Australia, xxiv. 508.
- MANDURIA, town, Italy, xv. 477.
- MANEGRS, Tungus tribe, Siberia, xxiii. 608.
- MAN-ENGINES, in mines, xvi. 462.
- MANES, in Roman mythology, xv. 477. —, founder of Manichæism, xv. 482.
- MANETHO, Egyptian priest and annalist, xv. 478, 144; v. 710; on Egyptian chronology, i. 499; his History of Egypt, vii. 729.
- MANETTA, Filippo, on Negro children, xvii. 317.
- MANETTI, Giannozzo, Italian writer, xiii. 506.
- MANFRED, king of the Two Sicilies, xv. 478; xiii. 475; xxii. 27; his contest with Pope Alexander IV., i. 487.
- MANFREDONIA, town, Italy, xv. 479.
- MANGALIA, town, Roumania, xv. 479.
- MANGALORE, town, India, xv. 479.
- MANGANATES, salts of manganese, xv. 480; spectra of, xxii. 377.
- MANGANEISEN, metal, xiii. 350.
- MANGANESE, chemical element, xv. 479; v. 533; in bleaching powder, v. 679; deposit of, in Pacific Ocean, xviii. 125; production of, xvi. 467. —, Red, mineral, xvi. 398.
- MANGANITE, mineral, xv. 479; xvi. 388.
- MANGANOCALCITE, mineral, xvi. 398.
- MANGAREVA, island, South Pacific, xxiii. 602.
- MANGEL-WURZEL, Culture of, i. 368; beer made from, iv. 271.
- MANGERAII (Flores), island, Indian Archipelago, ix. 337.
- MANGER OF BUCEPHALUS, stone monument, near Philippi, Macedonia, xviii. 746.
- MANGHISHLAK, town, Transcasian Region, Russia, xxiii. 513.
- MANGLING, in bleaching, iii. 817.
- MANGO, tree and fruit, xv. 481.
- MANGORO, river, Madagascar, xv. 169.
- MANGOSTEEN, tree and fruit, xv. 481.
- MANGROVE, tree, xv. 481.
- MANG-TSZE (Mencius), Chinese philosopher, xvi. 3; v. 661.
- MANGU KHAN, Mongol ruler, xvi. 741; xxi. 90.
- MANGU TIMUR, Mongol ruler, xvi. 746.
- MANG-YUL, region, Tibet, xxiii. 340.
- MANHATTAN ISLAND, New York, U.S.A., xviii. 458.
- MANHOOD, Period of, xv. 778.
- MANI, founder of Manichæism, xv. 482.
- MANIA, form of insanity, xiii. 104.
- MANIACES, Georgius, Byzantine general, xxii. 24.
- MANICHÆISM, religious system, xv. 481; xi. 737; St Augustine's relations with, iii. 76; later developments of, in Middle Ages, xx. 321; xxiv. 322; i. 454 (Albigenses); iii. 858 (Bogomili); xviii. 433 (Paulicians).
- MANICORDO, musical instrument, xix. 66.
- MANIDÆ, family of edentate mammals, xv. 388.
- MANIFOLDNESS, in mathematics, xv. 629, 661.
- MANIHOT, india-rubber plant, xii. 837.
- MANILA, town, Philippine Islands, xv. 487; xviii. 750. — HEMP, vegetable fibre, xv. 488; i. 4; xi. 647; culture of, xviii. 751.
- MANILIUS, Roman poet, xv. 489.
- MANILLA, or Manila, town, Philippine Islands, xv. 487. — HEMP, or Manila Hemp (*q.v.*), xv. 488. — NUT, xi. 221.
- MANIN, Daniele, president of Venetian republic, xv. 489.
- , Ludovico, doge of Venice, xxiv. 148.
- MANINDJI, lake, Sumatra, xxii. 638.
- MANIOC, plant, ii. 631; v. 182; xxiii. 56.
- MANIPLE, ecclesiastical vestment, vi. 462.
- MANIPUR, state, India, xv. 489.
- MANIS, genus of edentate mammals, xv. 388; xviii. 211.
- MANISA, or Manissa, town, Asia Minor, xv. 490.
- MANISTEE, town, Michigan, U.S.A., xv. 490.
- MANITOBA, province, Canada, xv. 490; xvii. 573; climate of, iv. 772.
- MANITOULIN, district, Ontario, Canada, xvii. 776.
- MANITOWOC, town, Wisconsin, U.S.A., xv. 491.
- MANKATO, town, Minnesota, U.S.A., xv. 491.
- MANLEY, John, English postal contractor, xix. 564. —, Mary de la Rivier, English dramatist, xv. 491.
- MANLIUS, Roman family, xv. 492.
- MANN, Horace, American educationist, xv. 492.
- MANNA, xv. 493; Australian, viii. 650; from the ash, ii. 680; xiv. 310; from the larch, xiv. 310.
- MANNA-LICHEN, xiv. 560.
- MANNAR PASSAGE, Ceylon, v. 359.
- MANNHEIM, town, Baden, Germany, xv. 493; academy of sciences at, i. 71; observatory, xvii. 713.
- MANNING, river, New South Wales, xvii. 408. —, Robert, English chronicler, xv. 494; viii. 410. —, Thomas, English traveller in Tibet, xiv. 503; xxiii. 338.
- MANNITE, constituent of manna, xv. 493.
- MANNÚCCI, Teobaldo, Venetian printer, xv. 512.
- MANOEL I., king of Portugal, viii. 157.
- MAN OF FEELING, Mackenzie's, xv. 158.
- MAN OF MODE, Etheridge's comedy, viii. 573.
- MAN-OF-WAR, ship, xxi. 821. —, bird, ix. 786.
- MANOMETER, pressure gauge, xv. 494; xix. 245.
- MANOMETRIC GAS-THERMOMETER, xx. 131.
- MANOMETRIC THERMOMETRY, xi. 561.
- MANON LESCAUT, Prévost's novel, xix. 720.
- MANOOF, canal, Egypt, vii. 710.
- MANOR, in English law, xv. 496; lordship of, xxi. 623; origin of, viii. 298.
- MAN-OUNG, island, Burmah, xiv. 162.
- MAN-POWER, in mechanics, xv. 772.
- MANRESA, town, Spain, xv. 497.
- MANROLITE, mineral, xvi. 408.
- MANS, Le, town, France, xv. 497.
- MANSA MUSA, West-African prince, xv. 475.
- MANSART, Jules Hardouin, French architect, xviii. 292; xxiv. 176.
- MANSEL, Henry Longueville, English metaphysician, xv. 497; his logic, xiv. 800. —, Sir Robert, his expedition against Algiers, i. 566.
- MANSFELD, Count Ernest of, Protestant general, xv. 498.
- MANSFIELD, mountain, Vermont, U.S.A., xxiii. 792; xxiv. 166. —, town, England, xv. 498. —, town, Ohio, U.S.A., xv. 498. —, Earl of, lawyer and politician, xv. 498.
- MANSIONS, English, Architecture of, ii. 443; Roman, ii. 420.
- MANSLAUGHTER, in law, xvii. 52.
- MANSON, George, Scottish painter, xv. 500.
- MANSOOR, El-Hakim, Fatimite caliph

- and founder of the Druses, XI. 378; VII. 484, 751.
- MANSUR, or Mansoor, surname of Mohammedan princes, XV. 500.
- of Hallaj, Persian pantheist, XI. 367.
- , Abu Jafar al-, caliph, XVI. 578.
- , Abul Cassim (Firdousi), Persian poet, IX. 225.
- MANSVELT, buccaneer, IV. 409.
- MANT, Richard, bishop of Down, hymn-writer, XII. 595.
- MANTEGNA, Andrea, Italian painter, architect, and engraver, XV. 501; VIII. 440, 441; XXI. 436.
- MANTELL, Gideon Algernon, English geologist, XV. 502.
- MANTIC UTTAIR, Persian poem, IX. 89.
- MANTIDÆ, group of insects, XIII. 152.
- MANTINEIA, ancient town, Greece, XV. 503.
- MANTININO (Martinique), island, West Indies, XV. 586.
- MANTIRS, tribe, Sumatra, XXII. 640.
- MANTIS, insect, XV. 503; myth of the, XVII. 147.
- MANTISSA, in logarithms, XIV. 772.
- MANTLING, in heraldry, XI. 711.
- MANTUA, town, Italy, XV. 504; XX. 145; coins of, XVII. 657; Gonzaga family, X. 772; pictures in, XXI. 447; Mantegna's works at, XV. 501; Rubens's works in, XXI. 41.
- MANTUMBA, lake, Central Africa, XXIV. 764.
- MANU, Hindu lawgiver, XXI. 288; institutes of, IV. 203.
- MANUALS, of organ, XVII. 830.
- MANUCODE, bird, XV. 504.
- MANUEL I., Comnenus, emperor of Constantinople, XV. 505.
- II., Palæologus, of Constantinople, XV. 505; XVIII. 166.
- I.-III., emperors of Trebizond, XV. 505.
- , Juan, Spanish writer, XXII. 354.
- CHRYSOLORAS, Greek grammarian, XI. 149.
- PHILES, Byzantine dramatist, XI. 145.
- MANUFACTURES, in relation to art, II. 639; economic extension of, XIX. 355; tariff protection of, IX. 755.
- MANU-MEA, Samoan pigeon, XIX. 85.
- MANUMISSION, in Roman law, XX. 704.
- MANURE, XV. 505; agricultural, I. 305, 342; artificial, I. 353; XIV. 568; for gardens, XII. 232; law relating to tenants' use of, XIV. 275; quantities used on small farms, I. 412.
- DISTRIBUTORS, I. 321.
- MANUS, in Roman law, XX. 671.
- , of mammals, XV. 359.
- MANUSCRIPTS, VII. 253; XVIII. 144; XXIII. 682; paper of, XVIII. 217; illuminated, XII. 707; XVI. 437.
- MANUS INJECTIO, in Roman law, XX. 684.
- MANUSMRITI, Sanskrit law, XXI. 288.
- MANUTIUS, Aldus, or Aldo Manuzio, the Elder, Italian printer, XV. 512.
- , Aldus, junior, Italian printer and scholar, XV. 514.
- , Paulus, Italian printer, XV. 513; his Latinity, XIV. 342.
- MANX LANGUAGE, XV. 453; V. 298; dictionaries of, VII. 188.
- MANX PUFFIN, bird, XXI. 781.
- MANYANGA, town, Congo river, Africa, XXIV. 765.
- MANYEUMA COUNTRY, Central Africa, I. 248.
- MANYOSHIU, Japanese poems, XIII. 587.
- MANYTCH, affluent of the Don, Russia, XXI. 74; XXII. 472.
- MANZANARES, river, Spain, XV. 190.
- MANZANILLA, seaport, Mexico, VI. 141.
- WINE, Spain, XXIV. 607.
- MANZONI, Alessandro Francesco Tommaso Antonio, Italian poet, XV. 514; VII. 417; XIII. 515; on the torture of accused persons, XXIII. 467.
- MAORIS, New Zealand race, XVII. 471; myths of, XVII. 149.
- MAP, MAPS, XV. 515 (with list, 522); making of, X. 163; XXII. 709, 714; earliest forms of, XX. 91, 94; classes of, X. 191; cleaning of, III. 821; construction of, X. 200; D'Anville's improvements in, VI. 820; meteorological, XVI. 158; of early navigators, XVII. 253.
- , Mapes, or Mapus, Walter, English ecclesiastic, statesman, and writer, XV. 523; VIII. 408; IX. 639; XX. 644.
- MAPLE, tree, XV. 523; of United States, XXIII. 807.
- CITY (Ogdensburg), New York, U.S.A., XVII. 733.
- SUGAR, XXII. 628.
- MAPOCHO, river, Chili, XXI. 298.
- MAPUS (Walter Map, *q.v.*), XV. 523.
- MAR, district, Scotland, I. 43.
- , Earldom of, XV. 524.
- , Earl of, regent of Scotland, XIII. 558; XXI. 506.
- MARA of Amid, Syriac writer, XXII. 833.
- MAR-ABHA I., Syriac writer, XXII. 826, 836.
- MAR-ABHA II., patriarch, Syriac writer, XXII. 844.
- MARABOU-STORK, bird, XIII. 529.
- MARABOUT, Moslem devotee, XV. 525.
- MARACAIBO, town, Venezuela, South America, XV. 525; population, XXIV. 140.
- MARACANDA (Samarkand), ancient town, Asia, XX. 246; Alexander at, I. 483.
- MARAGHA, town, Persia, XV. 525; XVIII. 626; observatory at, XVI. 742; XVII. 709.
- MARAH, Sweetening the waters of, Sprengel on, XIV. 767.
- MARALDI, James Philip, French astronomer, II. 755.
- MARANHÃO, or Maranhão, town, Brazil, XV. 526; capture of, by Lord Cochrane (1823), VII. 540.
- MARAÑON (Amazon), river, South America, I. 654, 674; XVIII. 673.
- MARÃO, Serra de, Portugal, XIX. 536.
- MARASCHINO, liqueur, V. 586; XIV. 687; manufacture of, XXIV. 769.
- MARASMIUS, genus of Fungi, XVII. 76.
- MARAT, Jean Paul, French Revolutionist, XV. 526; IX. 604; assassination of, VI. 388.
- MARATHI LANGUAGE, Dictionaries of, VII. 191.
- MARATHON, Plain of, Greece, XV. 528; III. 60; battle of (490 B.C.), XI. 99; XVIII. 571; painting of battle, XVII. 41.
- MARATHONIANS, early Christian sect, XV. 145.
- MARATTIACEÆ, group of ferns, IX. 105.
- MARBLE, crystalline limestone, XV. 528; XVI. 397; structure of, X. 231; mosaics of, XVI. 851; sculptors' work on, XXI. 571; earliest workers in statuary of, II. 349; veneer, XVII. 36; of Attica, III. 59; of Carrara, V. 133; of Maragha, XV. 526; Parian, XVIII. 319; Roman, XX. 808; of Tabriz, XXIV. 12; of Venice, XXIV. 149; of Verona, XXIV. 170.
- MARBLEHEAD, town, Massachusetts, U.S.A., XV. 530.
- MARBLE HILL, Twickenham, England, XXIII. 674.
- MARBLING, in painter's work, IV. 512.
- MARBURG, town, Austria, XV. 530; XXII. 614.
- , town, Prussia, XV. 530; university of, XXIII. 844; conference (1529) between Luther and Zwingli, XV. 82; Melancthon's action at, XV. 834.
- MARCABRUN, Provençal poet, XIX. 874.
- MARCANDA (Samarkand), ancient town, Central Asia, XXI. 246; I. 483.
- MARCANTONIO RAIMONDI, Italian engraver, XV. 530; VIII. 441.
- MARCASITE, mineral, XV. 532; XVI. 390.
- MARCEL, Étienne, provost of the merchants, Paris, IX. 546; V. 409; XVIII. 289.
- MARCELINE, mineral, XVI. 387.
- MARCELLA, friend of Martial, XV. 579.
- MARCELLINUS, St, bishop of Rome, XV. 532.
- MARCELLO, Benedetto, Venetian musical composer, XVII. 92.
- MARCELLUS I.-II., popes, XV. 533.
- , Marcus Claudius, Roman warrior

- (consul 222 and 208 B.C.), xv. 532; xxii. 817.
- MARCELLUS, Marcus Claudius, Roman consul in Spain (152 B.C.), xxii. 306.
- , Marcus Claudius, Roman ædile (consul 51 B.C.), xv. 532.
- , Marcus Claudius, adopted son of Augustus, xv. 533.
- , Theatre of, at Rome, ii. 418.
- MARCH, month, xv. 533.
- , of an army, xxiv. 362.
- , river, Moravia, xvi. 810.
- , Earl of (Roger Mortimer), viii. 320, 327.
- , Ausias, Catalan poet, xxii. 363.
- MARCHAND, J. Louis, his musical contest with Bach, iii. 195.
- MARCHANTIA, genus of liverworts, xvii. 68.
- MARCHASITE, mineral, xv. 532.
- MARCHE, province, France, xv. 533.
- MÄRCHEN, German folk-tales, iii. 283.
- MARCHENA, town, Spain, xv. 533; xxi. 708.
- MARCHES, district, Italy, ii. 9; dialect of, xiii. 496.
- MARCHFELD, Austria, Battle of the (1809) (Aspern), xvii. 214.
- MARCHIONESS, title, xv. 565.
- MARCIAN, emperor of the East, xv. 533.
- LAW, Roman, xx. 681.
- MARCIANUS, Codex, Old Testament MS., xviii. 148.
- MARCILLAC, Prince de (La Rochefoucauld), French statesman, xiv. 317.
- MARCION, heretical writer, xv. 533; x. 704; on the Epistle to the Ephesians, viii. 458; Polycarp's attitude to, xix. 415.
- MARCIONITE CHURCHES, of 2d and 3d centuries, xv. 533; xix. 415.
- MARCK, Comte de la, Mirabeau's letters to, xvi. 496.
- , Robert de la (Fleuranges), marshal of France, ix. 305.
- MARCO DA RAVENNA, Italian engraver, xv. 531.
- MARCOMANNI, Invasion of Rome by the, xx. 775.
- MARCO POLO, mediæval traveller in Asia, xix. 404; x. 178; xiii. 501; his visit to China, v. 648; on Kublai Khan, xiv. 151.
- MARCUS, pope, xv. 535.
- AURELIUS, Roman emperor and philosopher, iii. 86; Stoic teaching of, xxii. 573.
- MARCV, Mount, New York, U.S.A., xvii. 450; xxiii. 792.
- , William L., American politician, xxiii. 789.
- MARDIN, town, Turkish Kurdistan, xv. 535.
- MARDONIUS, Persian general, xviii. 571.
- MARE, island, South Pacific, xv. 30; its formation, xix. 421.
- MARE, Milk of the, xvi. 303, 305.
- MAREB, or Marib, Great dyke of, Arabia, ii. 262; xxiv. 739.
- MARECA, genus of birds, xxiv. 561.
- MARECCHIA, river, Italy, xiii. 437.
- MAREE, Loch, Scotland, xx. 854.
- MAREMMA, Tuscany, Borax jets in, iv. 50.
- MARENGO, Italy, Battle of (1800), iii. 130; ix. 613; xvii. 204.
- MAREOTIS, Lake, Egypt, vii. 709.
- MARFORIO, statue, at Rome, xviii. 341.
- MARGARET, St, wife of King Malcolm Canmore of Scotland, xv. 537; xxi. 481.
- , queen of Denmark and Norway, vii. 85; as regent of Sweden, xxii. 746.
- , Maid of Norway, xv. 537; i. 491; xvii. 588; xxi. 486.
- , countess of Salisbury, viii. 335.
- of Anjou, wife of Henry VI. of England, xv. 536.
- of Austria, duchess of Parma, xv. 537; as Spanish regent in Holland, xii. 74.
- of Austria, duchess of Savoy, xv. 537.
- TUDOR, wife of James IV. of Scotland, xxi. 496.
- MARGARITA, St, martyr, xv. 538.
- , island, Caribbean Sea, Venezuela, xv. 537; pearl fishery of, xviii. 447.
- MARGARITE, mineral, xvi. 413.
- MARGARITONE, Italian painter, xxi. 436, 442.
- MARGARODITE, mineral, xvi. 413.
- MARGARY, Augustus Raymond, murdered by Chinese, iv. 559.
- MARGAT, Syria, establishment of Knights Hospitallers at, xxi. 174.
- MARGATE, town, England, xv. 538.
- MARGERIDE, La, mountains, Lozère, France, xv. 31.
- MARGGRAFF, Andreas S., discoverer of sugar in beetroot, xxii. 625; his experiments on alum, i. 643.
- MARGHILAN, or Marghinan, town, Russia in Asia, xv. 538.
- MARGIANA, Parthian kingdom, xviii. 592.
- MARGRAVES, of Brandenburg, xx. 3.
- MARGUÉRITE D'ANGOULÊME, princess, xv. 538.
- DE VALOIS, three princesses, xv. 538.
- MARGUS, river, Merv, Asia, xvi. 41, 44.
- MARHATTAS (Mahrattas, *q.v.*), Indian people, xv. 288.
- MARI, Syriac writer, xxii. 830.
- MARIA I., queen of Portugal, xix. 550.
- II., of Portugal, xix. 553.
- ANNA, regent of Spain, xxii. 332.
- LOUISA, of Austria, wife of Napoleon I., iii. 134; ix. 616; xvii. 215.
- MARIA LOUISA of Parma, wife of Charles IV. of Spain, xxii. 342.
- MARIA LOUISA of Savoy, first wife of Philip V. of Spain, xxii. 336.
- MARIA STUART, Schiller's drama, xxi. 397.
- MARIA THERESA, empress, xv. 539; iii. 127; ix. 586, 691; x. 503; xii. 370; xiii. 750; her connexion with the pragmatic sanction, xix. 657; Spanish opposition to, xxii. 339.
- MARIA THERESA of Spain, wife of Louis XIV., ix. 573.
- MARIAGE FORCÉ, Molière's play, xvi. 628.
- MARIAMNE, wife of Herod the Great, xi. 754.
- MARIAMPOL, town, Russian Poland, xxii. 728.
- MARIANA, Juan de, Spanish historian, xv. 539; xxii. 359; his treatise on Jesuitism, xiii. 650.
- ISLANDS (Ladrones), North Pacific, xiv. 199.
- MARIANNE, Marivaux's novel, xv. 551.
- MARIANO, Fra, his opposition to Savonarola, xxi. 334.
- MARIAS, race of people, Central India, iii. 426.
- MARIATEGUI, Francisco Xavier, Peruvian statesman, xviii. 676.
- MARIAZELL, village, Austria, xv. 539.
- MARIBIOS, mountains, Nicaragua, xvii. 477.
- MARICOPAS, American-Indian tribe, xii. 833.
- MARIE ANGÉLIQUE DE STE MAGDELEINE (Marie Arnauld), abbess of Port Royal, ii. 621; xix. 533.
- MARIE ANTOINETTE, Josephe Jeanne, wife of Louis XVI. of France, xv. 540; iii. 130; ix. 593; her connexion with the diamond necklace affair, xx. 623.
- MARIE DE FRANCE, French poetess, xv. 541.
- MARIENBAD, town, Bohemia, xv. 541; mineral water of, xvi. 435.
- MARIENBURG, town, Prussia, xv. 542.
- MARIETTA, town, Ohio, U.S.A., xv. 542.
- MARIETTE, Auguste Ferdinand François, French Egyptologist, xv. 542.
- MARIGNAC ACID, xxii. 637.
- MARIGNANO, Italy, Battle of (1515), ix. 689; xiv. 451.
- MARIGNOLLI, Giovanni de', Italian traveller, xv. 543.
- MARIGOLD, plant, xv. 544.
- MARIGOT, town, St Martin, West Indies, xxi. 186.
- MARI IBN SULAIMAN, Arabic writer, xxii. 852.
- MARIINA, wood, near Moscow, Russia, xvi. 859.
- MARIINSK, town, Siberia, xxiii. 439.
- MARINA, St, martyr, xv. 538.

- MARINDUQUE, island, Philippines, XVIII. 752.
- MARINE ANIMALS, Distribution of, VII. 276.
- MARINE ENGINES, XXI. 824; XXII. 499, 509, 519.
- MARINE HOSPITALS, XII. 306.
- MARINE INSURANCE, XIII. 184; Lloyd's, XIV. 741.
- MARINER'S COMPASS, VI. 225; XV. 518.
- MARINES, naval corps, XV. 544.
- MARINE STATIONS, Use of, in zoological study, XXIV. 814.
- MARINI, or Marino, Giambattista, Italian poet, XV. 546; XIII. 511.
- MARINONI PRINTING MACHINE, XXIII. 707.
- MARINUS I.-II., popes, XV. 546.
- , ancient anatomist, I. 802.
- of Tyre, ancient geographer, XV. 517; XX. 91.
- MARIOLATRY, worship of the Virgin Mary, XV. 591.
- MARION, Francis, American general, XV. 546.
- MARIONETTES, performing figures, XV. 546.
- MARIOTTE, Edme, French physicist, XV. 547; his experiments on atmospheric pressure, XIX. 242; his law of dilatation of gases, III. 35; on the motion of fluids, XII. 436.
- MARIPOSA, California, U.S.A., its large trees, XXIII. 810.
- MARISCHAL, title, XV. 574.
- , Earls, in Scotland, XIV. 28; XXII. 460.
- COLLEGE, Aberdeen, Scotland, XXIII. 843.
- MARISI, people, Nubia, XVII. 612.
- MARITIME ALPS, I. 623.
- MARITIME LAW, XXI. 583; points defined by Declaration of Paris (1856), VII. 21.
- MARITIME PROVINCE, Eastern Siberia, XV. 547; XIII. 831; XXII. 2, 11.
- MARITIMES, Alpes, department, France, I. 599.
- MARIUPOL, town, Russia, XV. 549.
- MARIUS, bishop of Lausanne, XIV. 350.
- , Caius, Roman general and consul, XV. 549; XX. 758; in Jugurthine War, XIII. 767; his rivalry with Sulla, XXII. 632.
- MARIVAUX, Pierre Carlet de Chamblain de, French novelist and dramatist, XV. 550; VII. 426; IX. 666.
- MARJORAM, herb, XII. 289; XXIII. 333.
- MARK, St, the Evangelist, XV. 551.
- , Gospel of, X. 789.
- , territorial division, early English, VIII. 273; German, XX. 2.
- ANTONY (Antonius, Marcus, *q.v.*), Roman triumvir, II. 140.
- BAR KIKI, Syriac writer, XXII. 848.
- MARKET, or Fair, VIII. 847.
- CROSSES, VI. 612.
- MARKET DEEPING, village, England, Cultivation of mint at, XVIII. 518.
- MARKET-GARDENING, I. 384. See also article Horticulture.
- MARKHAM, Albert H., English Arctic explorer, X. 196; XIX. 324.
- , Colonel William, deputy governor, Pennsylvania, XVIII. 495.
- ARABIAN, horse, XII. 182.
- MARKING NUT, XVII. 665.
- MARKIRCH, town, Germany, XV. 552.
- MARL, for brickmaking, IV. 281; as manure, I. 351.
- MARLBOROUGH, town, England, XV. 552; parliamentary representation, XXIV. 594.
- , town, Massachusetts, U.S.A., XV. 553.
- , Arms of dukes of, XI. 712.
- , Duke of, English general, XV. 553; III. 445; VIII. 353; British army under, II. 571; his campaigns, IX. 581; in the Netherlands, XII. 81; in War of Succession, III. 126; his relations with Harley, XVIII. 99; Blenheim House erected for him, III. 825.
- COLLEGE, Marlborough, England, XV. 553.
- MARLIOZ, spa, France, XXI. 332.
- MARLOW, Great, town, England, XV. 556.
- MARLOWE, Christopher, English dramatist, XV. 556; VII. 429; VIII. 418; XXI. 762; his pastoral poems, XVIII. 347.
- MARLY-LE-ROI, town, France, XV. 558.
- MARMALADE, conserve, XIII. 564.
- MARMAROSIS, kind of rock metamorphosis, XV. 528.
- MAR MENOR, lagoon, Spain, XXII. 293.
- MARMION, Scott's poem, XXI. 548.
- MARMOLITE, mineral, XVI. 414.
- MARMONT, Auguste Frédéric Louis Viesse de, marshal of France, XV. 558.
- MARMONTEL, Jean François, French writer, XV. 559; XVII. 424.
- MARMORA, Sea of, III. 797; XV. 820.
- MARMOR CHRONICON, one of the Arundel Marbles, II. 671.
- MARMOSSET, ape, II. 154.
- MARMOT, rodent mammal, XV. 559, 417, 418.
- MARNA, Phœnician god, XVIII. 756.
- MARNE, department, France, XV. 561.
- , river, France, XXI. 624.
- , Haute, department, France, XV. 561.
- MARNIX, Filips van, Dutch Reformer, XII. 92.
- MAROBODUUS, German chief, X. 475.
- MAROCCO, or Morocco (*q.v.*), country, North Africa, XVI. 830.
- MARON, John of, founder of the Maronites, XV. 562.
- MARONI, town, Comoro Island, West Africa, VI. 220.
- , river, Dutch Guiana, XI. 251.
- MARONITES, Oriental Christian sect, XV. 562; XIV. 395; XX. 631; their war with the Druses, VII. 486.
- MAROONS, class of Negroes, XV. 562; XIII. 550.
- MAROS, river, Hungary, XXIII. 522.
- MAROS-VÁSÁRHELY, town, Hungary, XV. 562.
- MAROT, Clément, French poet, XV. 563; IX. 650; psalms and hymns by, XII. 589.
- , Jean, French poet, XV. 563.
- MAROTIQUE, École, French school of poetry, XX. 841.
- MAROZIA, mother of Pope John XI., XIII. 710; XX. 787.
- MARPRELATE, Martin, controversy and pamphlets, XVIII. 204; VII. 429; XXIV. 554.
- MARQUE, Letters of, XIII. 194.
- MARQUEE, tent, XXIII. 183.
- MARQUENTERRE, district, Somme, France, XXII. 261.
- MARQUESAS ISLANDS, South Pacific, XV. 564; taboo system in, XXIII. 16.
- MARQUESITE, mineral, XV. 532.
- MARQUESS, or Marquis, title, XV. 565; XVIII. 464; XXIII. 418.
- MARQUETRY, inlaid wood-work, IX. 849; XIII. 81.
- MARQUETTE, town, Michigan, U.S.A., XV. 565.
- , Jacques, French missionary and explorer, XV. 565.
- MARQUEZ, Arnaldo, Peruvian poet, XVIII. 676.
- MARQUIS, title, XV. 565; XXIII. 418; in the British peerage, XVIII. 464.
- MARQUOIS SCALE AND TRIANGLE, surveying instruments, XXII. 720.
- MARRAH MOUNTAINS, Soudan, Africa, XXII. 277.
- MARRAM, grass, XX. 319.
- MARRI, sanatorium, Punjab, India, XVII. 63.
- MARRIAGE, in law, XV. 565; XII. 400; law of settlement, XXI. 694; in relation to woman's rights, XXIV. 641; breach of promise of, XXIV. 643; under Brehon law, IV. 252; XIII. 256; ceremonies among the Druses, VII. 485; among the Parsees, XVIII. 325; totemistic ceremonies, XXIII. 470; between different classes and castes, V. 187, 191; in relation to concubinage, VI. 244; custom in Cardigan, V. 95; Chinese customs, V. 670; Tibetan customs, XXIII. 344; forbidden degrees in totem clans, XXIII. 472; dissolution of, VII. 300; in feudal times, XIV. 114; among the early Israelites, XIII. 408; in medical jurisprudence, XV. 778; special licences, VII. 259; ancient Mexican, XVI. 213; myths of, XVII. 158; status of Nonconformists in regard to, XVII. 533; among primitive races, VIII. 618; IX. 18; rank conferred

- by, XIX. 665; registration of, XX. 343; in Roman law, XX. 671, 674, 677, 688, 704, 712; socialistic views of, XXII. 219; of widows among Jews, XXI. 111. See also Adultery, Divorce, Family.
- MARRIAGE, novel by Miss Ferrier, IX. 110.
- À LA MODE, Hogarth's engravings, XII. 49.
- MARROCK, bird, XI. 262.
- MARROON, in pyrotechny, XX. 136.
- MARROT, bird, XX. 302.
- MARROW, Anatomy of, I. 854.
- TUMOURS, XVIII. 371.
- MARRUBIUM, genus of plants, XII. 166.
- MARRYAT, Frederick, English novelist, XV. 569.
- MARS, Roman god (the Greek Ares), XV. 569; II. 484.
- , planet, II. 776, 782, 804; parallax of, II. 796; solar parallax found by, XVIII. 246, 250; as affected by tidal friction, XXIII. 379; Kepler's investigations of, XIV. 46.
- , Hill of, at Athens, II. 481.
- MARSALA, town, Sicily, XV. 570; XXII. 31; wine of, XXIV. 610.
- MARSA SCIROCCO, harbour, Malta, XV. 340.
- MARSDEN, Samuel, missionary, New Zealand, XVII. 471.
- , William, English Orientalist, XV. 571.
- MARSEILLAISE, French song, by Rouget de Lisle, IX. 603; XXI. 13.
- MARSEILLES, town, France, XV. 571; libraries of, XIV. 526, 546; observatory, XVII. 712; plague at, XIX. 166; water-works, II. 222.
- MARSH, George Perkins, American diplomatist and philologist, XV. 574.
- , Othniel Charles, on fossil birds, XVIII. 36.
- MARSHAL, title, XV. 574.
- , Earl, of England, XV. 574; XXI. 36; XXII. 459.
- OF THE ADMIRALTY, I. 162.
- MARSHALL, John, American chief-justice, XV. 574; I. 721; XXII. 578.
- , Mount, Virginia, U.S.A., XXIII. 794.
- MARSHALLING ARMS, in heraldry, XI. 705.
- MARSHALL ISLANDS, Pacific Ocean, XVI. 256; XVIII. 128.
- MARSHALLTOWN, town, Iowa, U.S.A., XV. 574.
- MARSH FEVER, XV. 316.
- MARSH-GAS, XVI. 194; XVIII. 237.
- MAR SHIMUN, patriarch of Kurdish Nestorians, XVII. 357.
- MARSH LAND, Reclaiming of, I. 405.
- MARSH MALLOW, plant, XV. 335.
- MARSHMAN, Joshua, English missionary and Orientalist, XV. 574.
- MARSH OTTER, carnivorous mammal, XVI. 474.
- MARSIGLI, Luigi Ferdinand (Marsilius), Italian soldier and savant, XV. 575; on birds, XVIII. 8.
- MARSILIUS of Padua, his influence on Occam, XVII. 718.
- FICINUS, Platonic philosopher, I. 69.
- MARSILLAT, Guglielmo di, his glass paintings, X. 670.
- MARSLAND, Peter, his improvements on power-looms, VI. 501.
- MARSTON, salt-mine, Cheshire, England, XXI. 231.
- , John, English satirist and dramatist, XV. 575; VII. 433.
- MOOR, England, Battle of (1643), VI. 599; VIII. 347; XVII. 380.
- MARSTRAND, island, Sweden, XXII. 737.
- , Wilhelm, Danish painter, VII. 94.
- MARSUPIALIA, order of mammals, XIII. 838; XV. 378; III. 111.
- MAR'S WORK, ruins, Stirling, Scotland, XXII. 555.
- MARSYAS, Phrygian god, XV. 575; representation of, in relief, XVII. 120.
- MARTEL, Charles, king of the Franks, IX. 531; X. 477; his victory over the Moslems, XVI. 576.
- MARTEN, carnivorous mammal, XV. 575, 439, 440; skins of, IX. 838.
- MARTENS, Frederick, Dutch Arctic explorer, XIX. 318.
- MARTES, genus of carnivorous mammals, XV. 576.
- MARTHA'S VINEYARD, island, Massachusetts, U.S.A., XV. 612.
- MARTI, F. de Paula, Spanish stenographer, XXI. 842.
- MARTIAL, St, Festival of, at Limoges, France, XIV. 652.
- (M. Valerius Martialis), Roman poet, XV. 577; XXI. 319; language and style of, XIV. 337; his place in Roman literature, XX. 725.
- ACHIEVEMENTS OF THE SCOTS NATION, by Abercromby, I. 37.
- LAW, VI. 517; XVI. 295.
- MARTIANUS CAPELLA, his encyclopædia, VIII. 191.
- MARTIGUES, town, France, XV. 580.
- MARTIN, bird, XV. 581.
- , St, bishop of Tours, XV. 581; XVI. 702; XXIII. 491; Life of, by Sulpicius Severus, XXI. 702.
- I., pope, XV. 582; XIX. 494; XX. 783.
- II.—III. (Marinus I.—II.), popes, XV. 546.
- IV., pope, XV. 582; XX. 798.
- V., pope, XV. 582; XIX. 502; XX. 805.
- , king of Aragon, XXII. 323.
- , David, Scottish painter, XX. 218.
- , Henri, French historian, IX. 680.
- , John, English painter, XV. 582.
- of Mainz, heretic, XVII. 486.
- MARTINA FRANCA, town, Italy, XV. 583.
- MARTIN CHUZZLEWIT, Dickens's novel, VII. 176.
- MARTINEAU, Harriet, English authoress, XV. 583; on political economy, XIX. 377.
- MARTINEZ, Niccolo, patron of Metastasio, XVI. 104.
- DE LA ROSA, Francisco, Spanish poet, XXII. 361.
- DE TOLEDO, Alonzo, Spanish writer, XXII. 355.
- MARTINI, or Martino, Francesco di Giorgio, Siennese painter and sculptor, XXII. 44; XXIV. 10.
- , Giovanni Battista, Italian musical composer, XV. 584; XVII. 92.
- , Simone (or Simone di Martino), Italian painter, XV. 585.
- MARTINI-HENRY RIFLE, XI. 282.
- MARTINIQUE, island, West Indies, XV. 485; IX. 526.
- MARTINMAS, feast of St Martin, XV. 582.
- MARTINO, Francisco and Simone. See Martini.
- DA CANALE, Italian writer, XIII. 501.
- MARTIN'S ANCHOR, II. 7.
- MARTINSBURG, town, West Virginia, U.S.A., XV. 586.
- MARTIUS, Carl Friedrich Philipp von, German naturalist, XV. 586.
- MARTLET, in heraldry, XI. 702.
- MARTORELL, Joannot, Spanish roman-cist, XX. 658; XXII. 364.
- MARTOS, town, Spain, XV. 586.
- MARTTAND, or Martund, Temple of, at Kashmir, II. 396; XIV. 11.
- MARTYN, Henry, English missionary, XV. 586; in Persia, XVIII. 649.
- MARTYNIA, plant, Peru, XVIII. 670.
- MARTYR, Peter, Italian Reformer, XXIV. 166.
- MARTYROLOGY, catalogue of martyrs, XV. 587; Syriac, XXII. 828.
- MARTYRS, Era of, V. 716.
- MARUDU, river, North Borneo, XXI. 123.
- MARULLUS, Michael Tarchaniota, Florentine scholar, XV. 588.
- MARUM, or Marwin, Martin van, Dutch scientist, XV. 588.
- MARUTHA of Maiperkat, Syriac writer, XXII. 828.
- of Taghrith, Syriac writer, XXII. 838.
- MARUTSE-MABUNDA, kingdom, South Africa, XV. 588.
- MARUZAYA-ISHO, Syriac writer, XXII. 847.
- MARVELL, Andrew, English poet, XV. 588.
- MARWAR, or Jodhpur, state, India, XIII. 703; XX. 260.
- MARX, Karl, German economist and

- socialist, XIII. 189; XXII. 210; on communism, VI. 215.
- MARY, The Virgin, xv. 589; XIII. 749; genealogy of, XIII. 660; immaculate conception of, XII. 715; discussions as to her epithet Mother of God, XVII. 355.
- , others of the name in New Testament, xv. 589.
- , Apocalypse of, II. 179.
- , duchess of Burgundy, XII. 73.
- I., queen of England, xv. 592; VIII. 338, 339; her treatment of Elizabeth, VIII. 142; her marriage with Philip II., XVIII. 743; her relations with Cardinal Pole, XIX. 331.
- II., of England, xv. 594; VIII. 351.
- , queen of Scots, xv. 594; XXI. 499; her connexion with Babington conspiracy, XXIV. 339; Chastelard's infatuation for, v. 436; her relations with Elizabeth of England, VIII. 144, 341; in France, ix. 558, 559; Don John of Austria's intrigue regarding, XVIII. 525; her relations with Knox, XIV. 132; Bishop Lesley's devotion to, XIV. 475; her relations with the regent Murray, XVII. 62.
- of Guelders, wife of James II. of Scotland, XXI. 493.
- of Guise, wife of James V. of Scotland, XXI. 499.
- of Medici, wife of Henry IV. of France, ix. 566.
- BARTON, Mrs Gaskell's novel, x. 104.
- PENEARIS, news-letter correspondence, XVII. 428.
- STUART, Schiller's drama, XXI. 397.
- MARYBOROUGH, town, Ireland, xx. 171.
- , town, Queensland, Australia, xv. 602.
- MARYLAND, State, U.S.A., xv. 602; colony of, XXIII. 729; newspapers, XVII. 434.
- MARYLEBONE, district, London, XIV. 821.
- MARYOOT, lake, Egypt, VII. 709.
- MARYPORT, town, England, xv. 605.
- MASACCIO (Tommaso Guidi), Italian painter, xv. 605; ix. 772.
- MASADA, fortress, on Dead Sea, VII. 2.
- MAS-A-FUERA, island, South Pacific, XIII. 757.
- MASANIELLO (Tommaso Aniello), Neapolitan revolutionist, xv. 606; XIII. 484; XVII. 191.
- MASARIDÆ, family of wasps, XXIV. 393.
- MAS-A-TIERRA (Juan Fernandez), island, South Pacific, XIII. 757.
- MASAUD, Tower of, at Ghazni, Afghanistan, x. 560.
- MASAYA, town, Nicaragua, Central America, xv. 608.
- MASBATE, island, Philippines, XVIII. 752.
- MASCAGNI, Paolo, Sienese anatomist, I. 815; XXII. 43.
- MASCAGNINE, mineral, XVI. 400.
- MASCARA, town, Algeria, xv. 608.
- MASCARENE ISLANDS, or Mascarenhas, Indian Ocean, xv. 608.
- MASCARON, Jules, bishop of Agen, French preacher, xv. 608.
- MASCHERONI, Lorenzo, Italian mathematician, xv. 608.
- MASCLE, in heraldry, XI. 697.
- MASHAL, similitude, or proverbial distich, in Hebrew literature, III. 639; XIX. 880.
- MASHAM, Sir Francis, friend of Locke, XIV. 754.
- , Mrs (Abigail Hill), favourite of Queen Anne, II. 63; XVIII. 100.
- MASHHAD, or Meshed, town, Persia, XVI. 46; XVIII. 618, 626, 628; XIX. 93.
- MASHIR, fish, XII. 743.
- MASHITA, Moab, Sculptures in palace at, XVII. 35.
- MASIH AL DAJJAL, Mohammedan antichrist, II. 126.
- MASINISSA, Numidian king, xv. 608; XIII. 766; XVII. 627; XX. 750.
- MASINO, spa, North Italy, XXIV. 45.
- MASISTES, brother of Xerxes I. of Persia, XVIII. 573.
- MASJID JAMI, or Mosque, XVI. 863.
- MASK, dramatic composition, VII. 431.
- , Lough, Ireland, XIII. 216; xv. 650.
- , Man in the Iron, XIII. 360.
- MASKAT, or Muscat, town, Arabia, XVII. 64.
- MASKED COMEDY, of Italy, VII. 418.
- MASKELYNE, John Nevil, deviser of conjuring tricks, xv. 207, 211.
- , Nevil, English astronomer, xv. 609; II. 757; XVII. 260.
- MASKINONGE, fish, XIX. 89.
- MASK OF PANDORA, Longfellow's poem, XIV. 862.
- MASKS AND FACES, Reade's drama, xx. 303.
- MASLAMA, Moslem general, XVI. 574, 576.
- MASOLINO DA PANICALE, Italian painter, xv. 610, 606.
- MASON, origin of word, ix. 752.
- , Charles, English astronomer, xv. 611.
- , Francis, American missionary, xv. 610.
- , George, American politician, XXIII. 789.
- , George Hemming, English painter, xv. 610.
- , Captain John, settler, New Hampshire, U.S.A., XVII. 393.
- , John, English clergyman, hymn-writer, XII. 592.
- MASON, Monck, on balloon ascents, I. 194.
- , William, English poet, xv. 610.
- , William, stenographer, XXI. 837.
- AND DIXON'S LINE, United States, xv. 605, 611; XVIII. 504.
- MASONITE, mineral, XVI. 413.
- MASONS' MARKS, in Roman buildings, xx. 814.
- MASON WORK, IV. 468.
- MASQUE, or Mask, dramatic composition, VII. 431.
- MASR-AL-KAHIRA (Cairo, *q.v.*), town, Egypt, IV. 645.
- MASS, in mechanics, xv. 698.
- , Sacrifice of the, XVI. 508; VIII. 652; XXI. 140; music for celebration of, XVIII. 180; decree respecting in council of Trent, XXIII. 550.
- MASSA, or Massa Carrara, town, Italy, xv. 611.
- , town, Morocco, XVI. 831; river, XVI. 832.
- MASSACHUSETTS, State, U.S.A., xv. 611; in relation to Maine, xv. 301; colony of, XXIII. 729; newspapers, XVII. 433.
- MASSÆSYLI, Numidian tribe, XVII. 627.
- MASSALIA (Marseilles), ancient Greek town, France, xv. 573.
- MASSALIANS, sect of Greek Church, XI. 782.
- MASSAVIELLE, Grotto of, at Lourdes, France, xv. 24.
- MASSEKHETH HEKHALOTH, Midrash, XVI. 286.
- MASSÉNA, André, French marshal, xv. 616.
- MASSÉS, deposits of mineral, XVI. 441.
- MASSICOT, mineral, XIV. 377; XVI. 385.
- MASSICYTUS, Mount, Asia Minor, xv. 93.
- MASSILIA (Marseilles), ancient Greek colony, France, x. 111; xv. 573; coins of, XVII. 636.
- MASSILIANS, or Semipelagians, religious sect, XVIII. 472.
- MASSILLON, town, Ohio, U.S.A., xv. 617.
- , Jean Baptiste, French preacher, xv. 617; ix. 662; compared with Bourdaloue, IV. 175.
- MASSINA, country, Soudan, Africa, XXII. 279.
- MASSINGER, Philip, English dramatist, xv. 618; VII. 432; in relation to Beaumont and Fletcher, III. 470.
- MASSIVE MOUNTAIN, Colorado, U.S.A., VI. 161.
- MASSORAH, or Massora, of Jewish Scriptures, xv. 619; XI. 600; XIII. 429.
- MASSORETIC TEXT, of Old Testament, III. 641; XXII. 826.
- MASSOWAH, town, on Red Sea, xv. 619; xx. 316.
- MASSYLI, Numidian tribe, XVII. 627.

- MASSYS, Jan, Flemish painter, xv. 620.
 —, or Matsys, Quintin, Flemish painter, xv. 620; XXI. 439.
- MAST, of a ship, iv. 477; XXI. 153, 563.
 —, fruit of the beech, iii. 503.
- MASTABA, Egyptian stone monument, xx. 122.
- MASTACOMYS, genus of rodent mammals, xvii. 6.
- MASTAI-FERRETTI, Giovanni Maria (Pope Pius IX.), xix. 156.
- MASTER AND SERVANT, Law of, xv. 620; vi. 294; xiv. 165; in Roman law, xx. 688, 704.
- MASTER HUMPHREY'S CLOCK, Dickens's work, vii. 176.
- MASTER OF ARTS, origin of the degree, xxiii. 835.
- MASTER OF THE BUCKHOUNDS, England, xxi. 38.
- MASTER OF THE HORSE, England, xxi. 37.
- MASTERS, Unions of, xxiii. 499.
- MASTIC, or Mastich, resin, xv. 621.
- MASTICATION, of food, xvii. 669.
- MASTIFF, dog, vii. 330.
- MASTING, of a ship, xxi. 563.
- MASTODON, extinct ungulate mammal, xv. 622, 425.
- MASTUJ, town, Hindu Kush, Asia, xi. 838.
- MASUD BAR BETH KASHSHA, Syriac hymn-writer, xxii. 855.
- MASUDY, Arab traveller, xv. 623; x. 177.
- MASULIPATAM, town, India, xv. 624.
- MASUPIAS, South-African tribe, xv. 588.
- MAT, for floor, xv. 634; xiv. 648.
 —, of metal, xvii. 487.
- MA-T, Egyptian divinity, vii. 718.
- MATABELE, state, South Africa, xxiii. 518.
- MATAGALPA, town, Nicaragua, xvii. 477.
- MATAKONG, island, West Africa, xxi. 661; xxii. 45.
- MATALONUM (Maddaloni), ancient town, Italy, xv. 176.
- MATAMATA, turtle, xxiii. 459.
- MATAMOROS, town, Mexico, xv. 624.
- MATAN, or Marttaud, Kashmir, Temple at, ii. 396; xiv. 11.
- MATANZAS, town, Cuba, xv. 624.
- MATARAM, town, Lombok, xiv. 817.
- MATARO, town, Spain, xv. 624.
- MATCHES, xv. 624; proposed tax on, ix. 190.
- MATÉ, Paraguayan tea, xv. 627; iv. 227.
- MATELOTAS, islands, Oceania, v. 126.
- MATEO, Mastei, Spanish sculptor, xxi. 566.
- MATERA, town, Italy, xv. 628.
- MATERFAMILIAS, in Roman law, xx. 672.
- MATERIAL, The, in psychology, xx. 55.
- MATERIALISM, in evolution, viii. 753; Lamettrie's, xiv. 243; Lotze's view of, xv. 13; Lucretius's, xv. 54; Stoic doctrine of, xxii. 563.
- MATERIALISTIC THEORY, of man's nature, ii. 109.
- MATERIALS, Strength of, xxii. 594.
- MATESE, Monti del, mountains, Italy, xiii. 438, 439.
- MATHA, John de, general of Trinitarian Order, xxiii. 574.
- MATHEMATICAL DRAWING AND MODEL-
 LING, xv. 628.
- MATHEMATICAL GEOGRAPHY, x. 197; Ptolemy on, xx. 92.
- MATHEMATICAL TABLES, xxiii. 7.
- MATHEMATICS, xv. 629; analysis and synthesis in, i. 793; application of, to physical astronomy, ii. 759; to economic questions, xix. 386; to geography, x. 197; to magnetism, xv. 226; Hindu, xxi. 294; Pythagorean, xx. 140; reasoning in, xiv. 787; contributions to, by Lagrange, xiv. 209; by Laplace, xiv. 301; by Leonardo of Pisa, xix. 125; by Newton, xvii. 438, 446; by Pascal, xviii. 338; by Peacock, xviii. 444; by Plücker, xix. 228; by Poisson, xix. 281; by Ptolemy, xx. 87; Montucla's History of, xvi. 798; mathematical societies, xxii. 224.
- MATHER, Cotton, New England divine, xv. 631.
 —, Increase, president, Harvard College, U.S.A., xv. 631.
 —, Richard, New England pastor, xv. 631.
 — AND PLATT, their calico-printing machines, iv. 685.
- MATHEW, Theobald, Irish temperance reformer, xv. 631; xxiii. 159.
 — DA BASSI, founder of Capuchin friars, v. 79.
- MATHEWS, Charles, English comedian, xv. 632.
 —, Charles James, English comedian, xv. 632.
- MATHNITHO, in Jewish literature, xvi. 506.
- MATHURIN, Port, Rodriguez island, Indian Ocean, xx. 619.
- MATHURINS, religious order, xxiii. 574.
- MATIA, island, South Pacific, xxiii. 22.
- MATICO, edentate mammal, xv. 387.
- MATI DHWAJA, Tibetan Lama, xiv. 151.
- MATIES, class of cured herrings, ix. 259.
- MATILDA, lady of England and Normandy, viii. 302; xvii. 544; xxii. 534.
 —, countess of Tuscany, xv. 632; xiii. 471.
- MATINS, canonical hour, iv. 263.
- MATISCO (Mâcon), Roman town, France, xv. 166.
- MATITANANA, Falls of, Madagascar, xv. 169.
- MATLOCK, town, England, xv. 632.
- MATLOCKITE, mineral, xvi. 384.
- MATONGAS, South-African tribe, xv. 588.
- MATOTCHKIN SHAR, sea channel, Nova Zembla, xvii. 604.
- MATRAH, town, Arabia, xvii. 64.
- MATRONALIA, Roman festival, xiii. 779; xv. 570.
- MATRONS, Jury of, in law, xiii. 786.
- MATSYS, or Massys, Quintin, Flemish painter, xv. 620; xxi. 439.
- MATTATHIAS, father of Judas Mac-
 cabæus, xiii. 421; xv. 130.
- MATTEO DI GIOVANNI, Italian painter, xxi. 434, 442.
- MATTER, Properties of, xv. 633; diffusion of, vii. 217; divisibility of, iii. 37; action of force on, xv. 676; Berkeley's theories of, iii. 591; Des Cartes on, v. 145; Hume's theory of, in relation to mind, xii. 352; Locke's views on, xiv. 759, 761; Spinoza on, v. 156.
- MATTEUCCI, Carlo, Italian physicist, xv. 633.
- MATTHESON, Johann, German musical composer, xi. 434.
- MATTHEW, St, the Evangelist, xv. 633.
 —, Gospel of, x. 789.
 — of Paris, English mediæval his-
 torian, xv. 633.
 —, Thomas, his version of the English Bible, viii. 386.
 — DE GRADIBUS, on anatomy, i. 806.
- MATTHIAS, emperor, xv. 634; x. 499; as king of Hungary, xii. 369.
 — BASSARABA, voivode of Walachia, xxi. 17.
 — CORVINUS, king of Hungary, xv. 634; xii. 367, 368.
- MATTHIESEN, Johann, Anabaptist leader, i. 786.
- MATTHISON, Friedrich von, German poet, x. 541.
- MATTING, xv. 634.
- MATTIOLI, Ercolo, alleged to be the Man in the Iron Mask, xiii. 361.
 —, Pier Antonio, Sienese botanist, xxii. 43.
- MATTOKKI, people, Nubia, xvii. 612.
- MATTOON, town, Illinois, U.S.A., xv. 635.
- MATUA, island, Kuriles, Asia, xiv. 160.
- MATURA DIAMOND, variety of jacinth, xiii. 532.
- MATURATION, of the sexes, xx. 407.
- MATURIN, town, Venezuela, xxiv. 140.
 —, Charles Robert, Irish novelist and dramatist, xv. 635.
- MATV, Matthew, librarian of British Museum, xviii. 539.
- MATZUA, town, Abyssinia, xv. 619.
- MAUBEUGE, town, France, xv. 635.

- MAUCHBERG, mountain, South Africa, XXIII. 517.
- MAUDUYT, R. J. E., on birds, XVIII. 7.
- MAUGIS D'AIGREMONT, romance, XX. 653.
- MAUI, island, Hawaiian group, XI. 532.
- MAULAWI, dancing dervishes, XXI. 59.
- MAULE, province, Chili, V. 617.
- MAULÉON, town, France, XX. 127.
- MAULMAIN, town, British Burmah, XV. 635.
- MAUMEE BAY, Lake Erie, North America, XXIII. 436.
- MAUNA (Tutuila), island, South Pacific, XVII. 279.
- KILAUEA, volcano, Hawaii, XI. 531.
- MAUNCH, in heraldry, XI. 703.
- MAUNDY THURSDAY, XV. 635; penitential office of, XVIII. 487.
- MAUPERTUIS, Peter Louis Moreau de, French mathematician, XV. 636; IX. 671; measures arc of meridian, VII. 598; Voltaire's dispute with, XXIV. 289.
- MAU RANIPUR, town, India, XV. 636.
- MAUREPAS, Comte de, French statesman, IX. 594.
- , Lake, Louisiana, U.S.A., XV. 20.
- MAURER, Georg Ludwig von, German jurist, XV. 636.
- MAURES, mountains, France, XXIV. 68.
- MAURETANIA, ancient country, North Africa, XV. 636.
- TINGITANA, ancient country, Africa, XVI. 834.
- MAURI, people of Mauretania, Africa, XV. 637.
- MAURICE (Mauricius), St, martyr, XV. 637.
- (Mauricius Flavius Tiberius), emperor of the East, XV. 637.
- (of Nassau), prince of Orange, stadtholder of Holland, XV. 638; XII. 77; his antagonism to Barneveldt, III. 379.
- , elector of Saxony, XV. 638; XXI. 354; his influence on France, IX. 559; his policy towards Charles V., V. 416.
- , John Frederic Denison, English divine, XV. 638; as Christian socialist, XXII. 210.
- MAURIENNE, district, France, XXI. 332.
- MAURITANIA (Mauretania), ancient country, North Africa, XV. 636.
- MAURITIA, genus of palms, XVIII. 190.
- MAURITIUS, island, Indian Ocean, XV. 639; I. 272; remains of dodo found in, VII. 321; forests, IX. 408; railways, XX. 253; thunderstorms, XVI. 129; weights and measures, XXIV. 490.
- MAURO, Fra, Italian geographer, X. 180.
- MAURUS, St, Benedictine monk, XV. 642.
- , Hrabanus (*q.v.*), mediæval scholar, XII. 326.
- MAURUSIA (Mauretania), country, North Africa, XV. 636.
- MAURY, Alfred, on magic and astrology, II. 739.
- , Jean Siffrein, cardinal, archbishop of Paris, XV. 642.
- , Matthew Fontaine, American hydrographer, XV. 642; his Physical Geography of the Sea, X. 197.
- MAUSOLEUM, origin of the name, II. 413, 644; XI. 383; XV. 643; of Hali-carnassus, Asia Minor, XI. 384; of Bijapur, India, III. 669; Roman, II. 419; XX. 831.
- MAUSOLUS, king of Caria, XV. 643; XI. 383; XVIII. 579; tomb of, II. 413, 644.
- MAUVAISES TERRES, Colorado plateau, U.S.A., XXIII. 799.
- MAUVE, colour, II. 48.
- MAUVISSIÈRE, Michel de Castelnau, Sieur de la, French soldier and diplomatist, V. 194.
- MAVIS, bird, XXIII. 321.
- MAVOR, William, stenographer, XXI. 834.
- MAVROCORDATO, Constantine and Nicholas, hospodars of Walachia, XXI. 18.
- MAVROCORDATOS, Alexander, Greek leader, XI. 125.
- MAVROMMATI, village, Greece, XVI. 52.
- MAW, river, Wales, XVI. 38.
- MAWACA, river, South America, XVII. 843.
- MAXENTIUS, Marcus Aurelius Valerius, Roman emperor, XV. 643; basilica of, III. 414.
- MAXIMA AND MINIMA, in mathematics, XV. 643; XIII. 22; XXIV. 85.
- MAXIMIANUS, Bishop, his sculptured ivory throne, XXI. 556.
- , Galerius Valerius, Roman emperor, XV. 644; XX. 777; martyrdom of Theban legion by, XV. 637.
- , Marcus Aurelius Valerius, Roman emperor, XV. 644.
- MAXIMILIAN I., emperor, XV. 644; X. 496.
- II., emperor, XV. 645; X. 499.
- , emperor of Mexico, XV. 645; XIII. 758; his death, IX. 625.
- MAXIMILIANEUM, at Munich, XVII. 26.
- MAXIMILLA, Montanist prophetess, XVI. 775.
- MAXIMINUS, Caius Julius Verus, Roman emperor, XV. 645.
- , Galerius Valerius, Roman emperor, XV. 645.
- MAXIMS, La Rochefoucauld's, IX. 663; XIV. 318.
- MAXIMUS, St, abbot of Chrysopolis, XV. 646.
- , Magnus Clemens, Roman emperor, XV. 645; XXIII. 258.
- , Marcus Clodius Pupienus, Roman emperor, XV. 645.
- , Petronius, Roman emperor, XV. 646.
- , Terentius, pretender in Parthia, XVIII. 603.
- MAXIMUS TYRANNUS, Roman emperor, XV. 645.
- MAXITE, mineral, XVI. 399.
- MAXWELL, James Clerk, English physicist, XV. 646; his experiments on compound colours, XVII. 802; his theory of magnetic molecules, XV. 276; on viscosity, XIX. 248; his work on electricity and magnetism, VIII. 15.
- , Robert, on the husbandry of Scotland, I. 302.
- , Sir William Stirling-, Scottish man of letters, XV. 647.
- MAXWELLTOWN, town, Scotland, XIV. 98.
- MAY, month, XV. 647.
- , Cornelis Jacobsen, director, New Netherland, America, XVII. 454.
- MAYAGUANA, island, West Indies, III. 236.
- MAYANS Y SISCAR, Gregorio, Spanish writer, XXII. 360.
- MAYAPAN, ancient town, Central America, XXIV. 758.
- MAYAS, people, Central America, XII. 828; XXIV. 758; ancient traditions of, XVI. 208.
- MAYAVARAM, town, India, XXIII. 47.
- MAYBOLE, town, Scotland, XV. 648.
- MAYBOROUGH, or Maybrough, England, Cromlech at, XXI. 52; XXIV. 516.
- MAY-DAY, XV. 648; in England, in time of Shakespeare, XXI. 750.
- MAYDOOM, Egypt, Picture of birds from, XVIII. 2.
- MAYENCE (Mainz, *q.v.*), town, Hesse-Darmstadt, Germany, XV. 305.
- MAYENNE, department and town, France, XV. 648.
- , Duke of, French prince, IX. 563.
- MAYER, Johann Tobias, German astronomer, XV. 649; his tables, II. 760; on lunar observations, XVII. 260; on magnetism, XV. 236; his formula for meridian transits, XXIII. 516.
- , Julius Robert, German physicist, XV. 649; on the mechanical equivalent of heat, VIII. 208.
- , Mademoiselle, French painter, XX. 1.
- MAYFLOWER, Landing of the, at Plymouth, U.S.A., XV. 615; XXIII. 729.
- MAY-FLY, insect, VIII. 458.
- MAYHEM, in law, XV. 649.
- MAYKOP, town, Russia, XV. 650.
- MAYNOOTH, village and college, Ireland, XV. 650.
- MAYO, county, Ireland, XV. 650; representation, XXIII. 727.
- , river, Africa, XVII. 496.
- , Earl of, governor-general of India, XII. 811.
- MAYO-KEBBI, valley, Soudan, Africa, XXII. 277.
- MAYON, mountain, Philippine Islands, XVIII. 748.

- MAYOR, head of a municipality, XVII. 27.
 MAYOTTA, island, Comores, Africa, VI. 220.
 MAYOW, John, his investigations on air, V. 461.
 MAY-POLE, XV. 648.
 MAYPURES, cataracts, Orinoco river, South America, XVII. 844.
 MAVSVILLE, town, Kentucky, U.S.A., XV. 651.
 MAYUD-UD-DIN, Tomb of, at Ajmir, India, I. 434.
 MAZACA, town, Cappadocia, Asia Minor, V. 75.
 MAZAGAN, town, Morocco, XVI. 831.
 MAZAMET, town, France, XV. 651; XXIII. 65.
 MAZANDARAN, province, Persia, XV. 651; XVIII. 627.
 MAZARIN, Jules, cardinal and French statesman, XV. 651; IX. 569, 573; his relations with Colbert, VI. 121; his contentions with Condé, VI. 246; his Spanish policy, XXII. 332.
 — BIBLE, III. 653.
 MAZATLAN, town, Mexico, XV. 653.
 MAZDAISM, or Zoroastrianism (*q.v.*), religion of ancient Persia, XX. 360.
 MAZE, in gardening, XIV. 180.
 MAZEPPA, Ivan Stephanovitch, Cossack chief, XV. 653; VI. 448; XXI. 97.
 MAZER-WOOD, XI. 338.
 MAZORAH, town, Morocco, XVI. 834.
 MAZOVIA, territory, Poland, XXIV. 375.
 MAZURANIC, Ivan, Servian poet, XXI. 691.
 MAZURS, race, Russian Poland, XIX. 309.
 MAZZARA DEL VALLO, town, Sicily, XV. 654.
 MAZZINI, Giuseppe, Italian patriot, XV. 654; XIII. 486; XX. 806.
 MAZZOLA, or Mazzuoli, Francesco Maria (Il Parmigiano), Italian painter, XVIII. 317; XXI. 437, 443.
 MAZZUCHELLI, Count, Italian writer, XIII. 512.
 MEACHAM, Joseph, Shaker leader, XXI. 737.
 MEAD, beverage, XII. 137.
 —, Edward, English physician, XV. 811.
 —, Richard, English physician, XV. 656.
 —, William, English preacher, XVIII. 493.
 MEADE, George G., American general, XXIII. 790, 778.
 MEADOW-GRASS, Culture of, I. 374.
 MEADOWS, Irrigation of, I. 345, 349; XIII. 364, 367.
 MEADOW SAFFRON, VI. 124.
 MEADOW VALLEY MINES, Nevada, U.S.A., XXIII. 815.
 MEADVILLE, town, Pennsylvania, U.S.A., XV. 656.
 MEAGRE, fish, XXIV. 738.
 MEALS, in dietetics, VII. 209.
 MEAL WORM, VI. 133.
 MEALY MOUNTAINS, Canada, XX. 165.
 MEANEE, India, Battle of (1843), XVII. 176.
 MEAN TIME, XXIII. 392.
 MEAOU-TSZE (Miautse), Chinese tribe, XVI. 223; V. 642.
 MEARNS, or Kincardine, county, Scotland, XIV. 78.
 MEASLES, disease, XV. 657; XVIII. 404; in Polynesia, XIX. 422.
 —, Beef and Pork, XXIII. 52; XXIV. 206.
 MEASURE, in arithmetic, II. 528.
 —, Musical, XVII. 81.
 — FOR MEASURE, Shakespeare's play, XXI. 764; source of, X. 620.
 MEASUREMENT, Geometrical, XV. 659, 630; X. 388.
 MEASUREMENTS, Magnetic, XV. 237.
 MEASURES AND WEIGHTS, XXIV. 478; abbreviations of, I. 29.
 MEASURING, Art of, or Mensuration, XVI. 13.
 MEAT, Poisonous, tainted, or diseased, XV. 782.
 —, Preserved, XIX. 707.
 MEATH, county, Ireland, XV. 668; representation, XXIII. 727.
 —, kingdom of, Ireland, XXIV. 513.
 MEAUX, town, France, XV. 669.
 MÉCANIQUE ANALYTIQUE, Lagrange's work, XIV. 208.
 MÉCANIQUE CÉLESTE, Laplace's work, XIV. 301.
 MECARINO (Domenico Beccafumi), Italian painter, III. 476.
 MECCA, town, Arabia, XV. 669; XVI. 545, 559, 569, 571; pilgrimage to, XIX. 93.
 — PILGRIMS, Quarantine of, XX. 155.
 MECHABBEROTH, poems by Emanuel b. Salomon, VIII. 157.
 MECHANICAL ARTS, II. 639; their relation to the fine arts, IX. 198.
 MECHANICAL LABOUR, XIV. 166.
 MECHANICAL SCHOOL, of medicine, XV. 810.
 MECHANICS, XV. 676 (contents, 749); applied, XV. 750.
 MECHANICS' INSTITUTES, Founders of, III. 779.
 MECHANICS' LIEN, in law, XIV. 570.
 MECHANISM, Lotze's use of the word, XV. 13.
 MECHITHAR DA PIETRO, founder of Mechitharists, XV. 774.
 MECHITHARISTS, Armenian monks, XV. 774.
 MECHLIN, town, Belgium, XV. 774; lace of, XIV. 188; Van Dyck's Crucifixion in cathedral, XXIV. 62.
 MECHTHILD, of Magdeburg, mediæval mystic, XVII. 132.
 MECKEL, Johann Friedrich, German anatomist, I. 814, 816; XXIV. 808; on evolution, VIII. 750.
 MECKLENBURG, territory, Germany, XV. 774.
 MECKLENBURG - SCHWERIN, grand-duchy, Germany, XV. 774.
 MECKLENBURG - STRELITZ, grand-duchy, Germany, XV. 774.
 MECONIUM, or Opium, XVII. 787.
 MEDALLIONS, in Japanese art, XIII. 591.
 MEDALS, in numismatics, XVII. 630; Italian, XVII. 657.
 MEDANOS, sandhills, Peru, XVIII. 670.
 MEDEA, in Greek legend, XV. 776; II. 497; XXIII. 294; myth of, XV. 202.
 —, play by Euripides, VIII. 675.
 —, opera by Cherubini, V. 587.
 MÉDECIN MALGRÉ LUI, Molière's play, XVI. 629.
 MÉDÉE, Corneille's play, VI. 420.
 MEDEENET-HABOO, Egypt, Temples at, VII. 780.
 MEDELLIN, town, Colombia, South America, XV. 777.
 MEDES, ancient Asiatic nation, XVIII. 561.
 MEDFORD, town, Massachusetts, U.S.A., XV. 777.
 MEDHURST, Walter Henry, English missionary, XV. 777.
 MEDIA, ancient country, Western Asia, III. 185; XVIII. 561, 586, 592; under Cyrus, VI. 752.
 MEDIAN APPLE, fruit, XVII. 810.
 MEDICAL ACTS, XV. 798.
 MEDICAL JURISPRUDENCE, XV. 778; in relation to poisons, XIX. 275.
 MEDICAL RELIEF, Poor Law, XIX. 477.
 MEDICEO - LAURENZIANA LIBRARY, Florence, Italy, XIV. 530, 548.
 MEDICI, House of, Italian noble family, XV. 783, 794; XIII. 479; genealogical table of, XV. 794; Michelangelo's statues of the, XVI. 233.
 —, Alessandro dei (Pope Leo XI.), XIV. 452.
 —, Alessandro dei, ruler of Florence, XV. 788.
 —, Bicci dei, Florentine noble, XV. 784.
 —, Catherine dei, wife of Henry II. of France, XI. 670; her influence on France, IX. 556.
 —, Cosimo dei, the Elder, ruler of Florence, XV. 784.
 —, Cosimo dei, grand-duke of Tuscany, XV. 789.
 —, Francesco dei, grand-duke of Tuscany, XV. 791.
 —, Giovanni Angelo (Pope Pius IV.), XIX. 153.
 —, Giovanni dei (Pope Leo X.), XIV. 450; XV. 787.
 —, Giovanni dei, Florentine banker, XV. 784.
 —, Giovanni dei (Delle Bande Nere), Italian soldier, XV. 787.

- MEDICI, Giuliano dei, Florentine noble, xv. 785.
 —, Giuliano dei, duke of Nemours, xv. 787.
 —, Giulio dei (Pope Clement VII.), v. 822; xv. 787.
 —, Ippolito dei, cardinal, xv. 788.
 —, Lorenzino dei, Florentine noble, xv. 788.
 —, Lorenzo dei, ruler of Florence, xv. 785; xiii. 480; his influence on Italian literature, xiii. 507; in relation to the Renaissance, xx. 388; his relations with Savonarola, xxi. 334; Roscoe's *Life of*, xx. 849.
 —, Mary dei, wife of Henry IV. of France, ix. 566.
 —, Piero dei, ruler of Florence, xv. 785.
 —, Pietro dei, ruler of Florence, xv. 786; his relations with Savonarola, xxi. 335.
 —, Salvestro dei, Florentine noble, xv. 783.
- MEDICINAL EARTH, of Lemnos, xiv. 436.
- MEDICINE, xv. 794 (embracing synoptical view, 794, and history, 799); academies of, i. 77; faculty of, in universities, xxiii. 833; forensic, xv. 778; homœopathic theory of, xii. 126; parasitism in, xviii. 269; Hindu works on, xxi. 294; Hippocrates's works on, xi. 853; Paracelsus's teachings, xviii. 235; medical societies, xxii. 226.
- MEDICINE-MAN, of North-American Indians, xv. 200.
- MEDICINES, of the pharmacopœia, xviii. 730.
- MEDINA, town, Arabia, xv. 817; xvi. 552, 588; pilgrimages to, xix. 93.
 —, river, Isle of Wight, England, xxiv. 562.
 —, Pedro de, writer on navigation, xvii. 252.
 —, CELI, Duke of, Spanish minister, xxii. 333.
 —, DEL CAMPO, town, Spain, xxiv. 43.
 —, DE RIOSECO, town, Spain, xxiv. 43.
 —, SIDONIA, town, Spain, xv. 819.
 —, SIDONIA, Duke of, commander of Spanish Armada, ii. 543.
- MÉDINE, town, Senegal, Africa, xxi. 660.
- MEDINET-EL-FEIVOOM, town, Egypt, vii. 774.
- MEDINET-HABU, Egypt, Temples at, vii. 780.
- MEDIOLANUM (Saintes), ancient town, France, xxi. 167.
 — (Milan), ancient town, Italy, xvi. 290.
- MEDIOMATRICA (Metz), ancient town, France, xvi. 204.
- MEDITATIONS, of Marcus Aurelius, iii. 88.
 — ON PHILOSOPHY, Descartes's work, vii. 119.
- MEDITERRANEAN SEA, xv. 819; Ptolemy's geography of, xx. 94; birds of, iii. 755; fishes, xii. 679.
- MEDIUMS, Spiritualistic, vii. 63; xxii. 405.
- MEDJIDIA, town, Roumania, vii. 309.
- MEDLAR, tree and fruit, xv. 824; xii. 271.
- MÉDOC, district, France, xv. 824; wine of, xxiv. 604.
- MEDO-PERSIAN EMPIRE, xviii. 561.
- MEDRICEN, mausoleum in Algeria, ii. 419.
- MEDULLA OBLONGATA, xix. 35; anatomy of, i. 870.
- MEDULLARY RAYS, in plants, iv. 102.
- MEDUM, or Meydoom, Egypt, Pyramids of, vii. 773; ii. 386; xx. 122, 124.
- MEDUSA, of Greek legend, x. 785; xviii. 560.
- MEDUSÆ, group of Hydrozoa, xii. 547, 550; cellular tissue of, xii. 9; organs of touch in, xxiii. 478; phosphorescence of, xviii. 814.
- MEDVYEDITSA, river, Russia, xxi. 74.
- MEDWAY, river, England, xiv. 37.
- MEDWIN, Captain, friend of Shelley, xxi. 792.
- MEDYN, town, Russia, xv. 824.
- MEECHING (Newhaven), ancient town, England, xvii. 393.
- MEER, Jan van der, Dutch painter, xv. 824.
- MEERANE, town, Saxony, xv. 825.
- MEERMAN, Gerardus, on type-making, xxiii. 692.
- MEERSCHAUM, mineral, xv. 825, 217; xvi. 414; pipes made of, xix. 111.
- MEERUT, division and district, India, xv. 825; xvii. 572; town, xv. 826.
- MEESTER CORNELIS, town, Java, xiii. 606.
- MEGABASITE, mineral, xvi. 403.
- MEGABYZUS, Persian general, xviii. 574.
- MEGACEPHALON, genus of birds, xv. 828.
- MEGACHIROPTERA, suborder of mammals, xv. 409.
- MEGACLES, Athenian ruler, xix. 130.
- MEGADERMA, genus of bats, xv. 411.
- MEGÆRA, one of the Furies, viii. 524.
- MEGALITHIC AGE, ii. 338.
- MEGALITHIC REMAINS, xxi. 50; in Morocco, xvi. 834.
- MEGALOPOLIS, ancient town, Greece, xv. 826.
- MEGALOPOLITANS, Demosthenes's oration against the, vii. 69.
- MEGALOPTERA, group of insects, xiii. 151.
- MEGALOSAURUS, genus of reptiles, xx. 443.
- MEGAMASTICTORA, division of sponges, xxii. 421.
- MEGAPODE, family of birds, xv. 827.
- MEGAPTERA, genus of cetacean mammals, xv. 395; xxiv. 524.
- MEGARA, town, Greece, xv. 828; plain, iii. 59.
- MEGASCLERES, group of sponges, xxii. 416.
- MEGASCOLIDES, genus of worms, xxiv. 678.
- MEGASTHENES, Greek traveller in India, xii. 786, 787.
- MEGATHERIIDÆ, family of fossil edentate mammals, xv. 384.
- MEGATHERIUM, extinct edentate mammal, xv. 829, 385.
- MÈGE-MOURIES, his process of making butter, iv. 592.
- MEGERLIN (Abraham a Sancta Clara), German satirist, i. 55; x. 531.
- MEGHADUTA, Sanskrit poem, xiii. 829.
- MEGHNA, river, India, xv. 830; xvii. 524.
- MEGIDDO, plain, Palestine, xviii. 171.
- MEGILLATH ANTIOKHOS, Midrash, xvi. 286.
- MEGILLATH TAANITH, Midrash, xvi. 286.
- MEGISTANES, order of birds, xviii. 44.
- MEHADIA, town, Hungary, xv. 830.
- MEHEDIA, town, Tunis, xxiii. 620.
- MEHEMET ALI, ruler of Egypt, vii. 760; ix. 621; xxiii. 649; his expedition against the Arabs, ii. 260.
- MEHLSACK TOWER, Ravensburg, Germany, xx. 297.
- MÉHUL, Étienne Henri, French musical composer, xv. 831; as symphonist, xvii. 97.
- MEIBOM, Heinrich, German historian, xv. 831.
- MEIKLE, Andrew, inventor of thrashing machine, i. 325; xx. 402.
- MEINBERG, spa, Germany, xvi. 435.
- MEINHARD, prince of Tyrol, xxiii. 712.
- MEININGEN, town, Germany, xv. 831; xxi. 348.
- MEIONITE, mineral, xvi. 412.
- MEIRUN, town, Palestine, x. 28.
- MEISSEN, town, Saxony, xv. 831.
 —, Mark of, Saxony, xxi. 352.
 —, Heinrich von, German poet, ix. 727.
 — PORCELAIN, xix. 639.
- MEISTERSÄNGER, German, x. 526; guilds of, xvii. 83.
- MEISTERSINGER VON NÜRNBERG, Wagner's opera, xxiv. 316.
- MEJERDA, river, Tunis, xxiii. 619.
- MEKHILTO, piece of Mishnic literature, xvi. 507.
- ME-KLONG, or Maykaloung, town, Siam, xxi. 853; river, xxi. 850.
- MEKNES, or Mequinez, town, Morocco, xvi. 29, 830.

- MEKONG, river, South-Eastern Asia, xv. 832; iv. 725; vi. 94; xxi. 152, 851.
- MEKRAN, district, Baluchistan, iii. 301.
- MELA, Pomponius, Latin geographer, xv. 832.
- MELACONITE, mineral, xvi. 385; v. 347.
- MELAMPODIDÆ, Greek race, xvii. 320.
- MELAMPUS, on physiognomy, xix. 4.
- MELANCHOLIA, disease, xiii. 104.
- MELANCHTHON, Philip, German Reformer, xv. 833; xx. 327; on education, vii. 673; his relations with Luther, xv. 82.
- MELANERPES, genus of birds, xxiv. 652.
- MELANESIA, island groups, South Pacific Ocean, xv. 835; xix. 418; myths of the natives, xvii. 148.
- MELANIA, Roman matron, friend of Rufinus, xxi. 55.
- MELANITE, mineral, xvi. 411.
- MELANOCHROIC TYPE, of man, ii. 113; in Asia, ii. 696.
- MELANOCORYPHA, genus of birds, xiv. 316; xv. 467.
- MELANOSIS, disease, xviii. 402.
- MELANOSPERMEE, suborder of Algæ, i. 508.
- MELANTERITE, mineral, xvi. 401.
- MELAPHYRE, rock, x. 235.
- MELASSA, town, Asia Minor, v. 103.
- MELBOURNE, town, Victoria, Australia, xv. 835; iii. 114; library of, xiv. 550; observatory, xvii. 716; telescope in observatory, xxiii. 147; university, xxiii. 856; xxiv. 218.
- , Second Viscount, English statesman, xv. 838; viii. 366.
- MELCHIADES, pope, xv. 839.
- MELCHITES, sect of the Greek Church, xv. 839; xx. 631.
- MELCHIZEDEK, of Scripture, xv. 839.
- MELCOMBE REGIS, town, England, xxiv. 522.
- MELDE'S EXPERIMENTS, on vibrating strings, i. 112.
- MELDI, tribe, Gaul, xv. 669.
- MELEAGER of Gadara, Greek anthologist, ii. 103.
- MELEAGRINA MARGARITIFERA, pearl oyster, xviii. 446; shell of, xvii. 2.
- MELEAGRIS, genus of birds, xix. 646; xxiii. 657.
- MELECH, Semitic divinity, xxiii. 237.
- MELEDA, island, Adriatic Sea, xv. 840.
- MELEGUETA PEPPER, drug, xi. 36.
- MELLENDEZ VALDES, Juan, Spanish poet, xv. 839.
- MELES, genus of carnivorous mammals, xv. 440.
- , river, Smyrna, Asia Minor, xxii. 187.
- MELESIGENES, name for Homer, xii. 109.
- MELETIAN SCHISM, of early church, xiii. 630.
- MELFI, town, Italy, xv. 840.
- , Duke of, Austrian general, xvi. 778.
- MELGHAT, district, India, viii. 148.
- MELIA, genus of trees, xviii. 519.
- MELIADUS, in Arthurian romance, xx. 648.
- MELIAN EARTH, pigment, xv. 841.
- MELILLA, town, Morocco, xvi. 830.
- MELINÆ, subfamily of carnivorous mammals, xv. 439.
- MELINOPHANE, mineral, xvi. 418.
- MELISSA, wife of Periander, xviii. 528.
- MELISSUS, Eleatic philosopher, viii. 2.
- MELITA, island, Mediterranean Sea, xv. 840, 341.
- MELITE, Corneille's work, vi. 420.
- MELITENE, district, Cappadocia, Asia Minor, v. 75.
- , town, Asia Minor, xv. 320.
- MELITHREPTUS, genus of birds, xxiv. 824.
- MELITO, bishop of Sardes, Christian apologist, xv. 840; on the canon, v. 6.
- MELITOPOL, town, Russia, xxiii. 83.
- MELIZOPHILUS, genus of birds, xxiv. 553.
- MELKART, or Melkarth, the Tyrian Hercules, iii. 175; xviii. 803; temple of, at Tyre, xxiii. 711.
- MELLIFONT, Ireland, Abbey of, xv. 315.
- MELLILITE, mineral, xvi. 412.
- MELLITE, mineral, xvi. 428.
- MELLIVORA, genus of carnivorous mammals, xx. 288.
- MELLO, Fontes Pereira de, Portuguese statesman, xix. 554.
- MELLONI, Macedonio, Italian physicist, xv. 840.
- MELO, Francisco Manuel de, Spanish historian, xxii. 359.
- MELOCACTUS, group of Cactaceæ, iv. 625.
- MELODEON, musical instrument, xvii. 106.
- MELODISTS, Greek hymn-writers, xii. 580.
- MELODY, in music, xvii. 77.
- MELOLONTHA VULGARIS, wheat pest, xxiv. 536.
- MELON, plant and fruit, xv. 841; xii. 271; of Nusrabad, Persia, xviii. 624.
- MELONITE, mineral, xvi. 393.
- MELON-THISTLE CACTUS, plant, iv. 625.
- MELONYCTERIS, genus of bats, xv. 410.
- MELORIA, Italy, Battle of (1284), xix. 120.
- MELOS, island, Ægean Sea, xv. 841.
- MELPOMENE, Muse of tragedy, xvii. 74.
- MELROSE, town, Scotland, xv. 842; architecture of abbey, ii. 429.
- MELTIADES (Melchiades), pope, xv. 839.
- MELTING OF METAL, for castings, ix. 481.
- MELTON MOWBRAY, town, England, xv. 842.
- MELUN, town, France, xv. 842.
- MELUSINA, Legend of, xvi. 40.
- MELVILLE, Viscount, Scottish politician, xv. 843.
- , Andrew, Scottish scholar and Reformer, xv. 843; xxi. 506; supporter of Presbyterianism, xix. 681.
- , George John Whyte, Scottish novelist, xv. 844.
- , Sir James, Scottish statesman, xxi. 505.
- , James, Scottish poet, xxi. 542.
- , Lake, Labrador, North America, xiv. 175.
- MELVILL VAN CARNBEE, Pieter, Baron, Dutch geographer, xv. 844.
- MEMEL, town, Germany, xv. 845.
- MEMLING, Hans, Flemish painter, xv. 845.
- MEMLOOKS, or Mamelukes, sultans and beys of Egypt, xv. 346; vii. 756; massacre of, vii. 762, 764; defeat of, by the Turks, xxiii. 643.
- MEMMI, Lippo, Italian painter, xv. 585.
- , Simon (Simone Martini), Italian painter, xv. 585.
- MEMMINGEN, town, Bavaria, xv. 846.
- MEMNON, of ancient mythology, xv. 847; vocal statue of, ii. 390; vii. 779.
- , Rhodian general, xv. 140; xviii. 581.
- MEMNONIA, Greek mortuary establishments, xvii. 20.
- MEMNONIUM, temple, Egypt, vii. 779; ii. 390; xv. 847.
- MEMONS, Indian Moslem class, xii. 746.
- MEMORABILIA, Xenophon's work, xxiv. 721.
- MEMORY, in psychology, xx. 47, 60; loss of, in aphasia, ii. 171; mnemonics, xvi. 532.
- MEMPHIS, ancient town, Egypt, xv. 847; vii. 770; Alexander's sacrifice and triumph at, i. 482; mummies of, xvii. 21.
- , town, Tennessee, U.S.A., xv. 847.
- MEMPHITIC, Egyptian dialect, vi. 355.
- MENA, Juan de, Spanish poet, xvi. 1; xxii. 355.
- MÉNAGE, Gilles, French scholar, xvi. 1; i. 784; ix. 657; ana of, i. 784.
- MENAI STRAITS, Wales, Bridges across, iv. 334; xx. 234.
- ME-NAM, river, Siam, xxi. 850.
- MENANDER, Greek poet, xvi. 2.
- , Indo-Scythian king, xiv. 227; xviii. 599.
- , Syrian Gnostic, x. 703.
- , PROTECTOR, Byzantine historian, iv. 612.
- MENANGKABAU, ancient principality, Sumatra, xxii. 639.
- MEN-AT-ARMS, ii. 568.

- MENCIUS, Chinese sage, XVI. 3.
 MENDAÑA, Alvaro de, Spanish navigator, X. 185; discoverer of Solomon Islands, XXII. 253.
 — ISLANDS (Marquesas), South Pacific, XV. 564.
 MENDEL, David (August Neander), German church historian, XVII. 304.
 MENDELSSOHN, Dorothea, wife of Friedrich Schlegel, XXI. 409.
 —, Felix, German musical composer, XVI. 6; as symphonist, XVII. 97.
 —, Moses, German-Jewish philosopher, XVI. 9; X. 534; XIII. 680; XIV. 479; his controversy with Jacobi, XIII. 537.
 MENDERE, river, Turkey in Asia, XXIII. 578.
 MENDES, Gonçalo, chancellor of Portugal, XIX. 541.
 MENDESAN GOAT, Egyptian divinity, VII. 717.
 MENDIBURU, General, Peruvian historian, XVIII. 675.
 MENDICANT FRIARS, I. 21; XVI. 710.
 MENDICANTS, Buddhist order of, IV. 434.
 MENDIP HILLS, Somerset, England, XXII. 257.
 MENDIPITE, mineral, XVI. 384.
 MENDOWG, king of the Lithuanians, XIV. 702.
 MENDOZA, town, Argentine republic, XVI. 9.
 —, Antonio de, Spanish governor, Mexico, XVI. 219.
 —, Antonio de, Peruvian viceroy, XVIII. 677.
 —, Diego de, Spanish ruler in Siena, XXII. 42.
 —, Diego Hurtado de, Spanish poet and historian, XVI. 9; XXII. 357, 359.
 —, Íñigo Lopez de, marquis of Santilana, Spanish poet, XXI. 300.
 —, Pedro de, his discoveries in South America, II. 489.
 MENDRISIO, town, Switzerland, XXIII. 351.
 MENEC, France, Menhirs at, v. 118; XXI. 51.
 MENEGHINITE, mineral, XVI. 395.
 MENELAUS, in Greek legend, XVI. 10.
 —, Greek astronomer, XX. 88.
 —, Jewish high priest, XIII. 421.
 MENES, king of Egypt, VII. 731.
 MENESTHEI PORTUS, of Ptolemy, Spain, XX. 99.
 MÉNEVILLE, Guérin, on silkworm disease, XXII. 59.
 MENEZES, F. Xavier de, Portuguese historian, XIX. 557.
 MENGKA, town, Formosa, China, IX. 417.
 MENGO, Jerome, his Exorcist's Manual, VII. 62.
 MENGOTTI, Count Francesco, Italian economist, XIX. 363.
 MENGES, Antony Raphael, German painter, XVI. 10.
 MENHADEN, fish, XVI. 10; oil from, XVII. 747.
 MENHIRS, ancient stone monuments, II. 383; IV. 118; XXI. 51.
 MENIÈRE'S DISEASE, Use of salicylate of sodium in treatment of, XXI. 217.
 MENILEK, son of the queen of Sheba, I. 65.
 MENILITE, mineral, XVI. 390.
 MENIN, town, Belgium, XVI. 11.
 MENINGITIS, disease, XVI. 11.
 MENIPPEAN SATIRES, of Varro, XXIV. 93.
 MENIPPÉE, Satire, in French literature, IX. 655.
 MENKARA, Egyptian king, VII. 733; mummy of, XVII. 21; pyramid of, XX. 123.
 MENKAURA, or Menkara, king of Egypt, VII. 733; mummy of, XVII. 21; pyramid of, XX. 123.
 MENNONITES, Christian sect, XVI. 11; I. 787.
 MENNO SIMONS, founder of the Mennonites, XVI. 11; III. 354.
 MENO, dialogue of Plato, XIX. 197.
 MENOBRANCHUS, genus of Amphibia, I. 756.
 MENODONTIDÆ, fossil ungulate mammals, XV. 429.
 MENOMINEE, river, Wisconsin, U.S.A., XII. 831; XVI. 340.
 MENOMINEES, American-Indian tribe, XII. 831.
 MENOPOMA, genus of Amphibia, I. 759.
 MENORATH HAMMAOR, Midrash, XVI. 288.
 MENOTTI, Ciro, Italian politician, XIII. 486.
 MENPTAH, king of Egypt, VII. 739; tomb of, at Thebes, XXIII. 622.
 MENSHIKOFF, Alexander Danilovich, favourite of Peter the Great of Russia, XVI. 12; XXI. 98.
 —, Alexander Sergeievich, Russian general, XVI. 13.
 MENSTRUATION, XX. 408.
 MENSURATION, XVI. 13.
 MENTAL ALIENATION, XIII. 95; XV. 780.
 MENTAL ASSOCIATION, II. 730.
 MENTAL DISEASES, XIII. 95.
 MENTAL POWERS, of man, II. 109.
 MENTAL RESERVATION, XIV. 638.
 MENTAL SCIENCE, XX. 37.
 MENTAL WORK, Diet for, VII. 204.
 MENTAPOK, mountains, North Borneo, XXI. 123.
 MENTAWAI ISLANDS, Sumatra, XXII. 638, 639.
 MENTEITH, district, Scotland, XVIII. 667.
 MENTELIN, Johan, early German printer, XXIII. 688.
 MENTHA, genus of plants, XVI. 491; XVIII. 517.
 MENTHOL, drug, XVIII. 518.
 MENTHON, spa, France, XXI. 332.
 MENTON, or Mentone, town, France, XVI. 28.
 MENTOR, Persian satrap, XVIII. 580.
 MENTU, Egyptian divinity, VII. 716.
 MENTZ (Mainz, *q.v.*), town, Hesse-Darmstadt, Germany, XV. 305.
 MENURA, genus of birds, XV. 115.
 MENVID, Eric, king of Denmark, XI. 450.
 MENZEL, Wolfgang, German poet and historian, XVI. 29.
 MENZELEH, lake, Egypt, VII. 709.
 MENZELINSK, town, Russia, XXIII. 717.
 MENZIES, Michael, inventor of a thrashing-machine, I. 302.
 MEPHISTOPHELES, XVI. 29.
 MEPHITIS, genus of carnivorous mammals, XXII. 126.
 MEPHITISM, Death from, XV. 781.
 ME-PING, river, Siam, XXI. 850.
 MEQUINEZ, town, Morocco, XVI. 29, 830.
 MERAGHA, or Maragha (*q.v.*), town, Persia, XV. 525.
 MERAN, town, Tyrol, Austria, XVI. 29.
 MERAPI, volcano, Sumatra, XXII. 638.
 MERAWI, town, Ethiopia, XVI. 40.
 MERCANTILE MARINE, Laws affecting seamen of the, XXI. 605; its connexion with the navy, XVII. 289, 290.
 MERCANTILE SYSTEM, in economics, XIX. 354.
 MERCATOR, Gerardus, Belgian geographer, XVI. 30; XV. 520; his contributions to cartography, XVII. 253; globes constructed by, X. 681.
 —, Romoldus, his contributions to cartography, XVII. 253.
 MERCATOR'S PROJECTION, in maps, X. 208.
 MERCEDARIO, mountain, Chili, v. 616.
 MERCEDES, town, Uruguay, XXIV. 15.
 MERCHANDISE MARKS ACT (1887), XXIII. 498.
 MERCHANT ADVENTURERS, Company, XXI. 826.
 MERCHANTMEN, The, Aristophanes's play, II. 509.
 MERCHANT SEAMEN, Laws affecting, XXI. 605.
 MERCHANTS OF THE STEELYARD, London, XXII. 528.
 MERCHANT TAYLOR'S SCHOOL, London, XIV. 835.
 MERCHISTON, Napiers of, Scottish family, XVII. 177.
 MERCIA, ancient kingdom, England, VIII. 270, 282.
 MERCURE DE FRANCE, Paris newspaper, XVII. 424.
 MERCURIAL AIR-PUMP, XVI. 30; XIX. 246.

- MERCURIAN, Eberhard, general of the Jesuits, XIII. 653.
- MERCURIUS, early English newspapers of the name, XVII. 414.
- (Pope John II.), XIII. 710.
- MERCURY, Roman god (the Greek Hermes), XVI. 31; XI. 749.
- , metal, XVI. 31, 382; as chemical element, v. 527; cyanide of, XX. 23; ores of, XVI. 58; spectrum of, XXII. 376; sulphide of, native, v. 785; surface tension of, v. 65; production of, in U.S.A., XXIII. 816; use of, for barometers, III. 381; use of, in medicine, XVI. 34; in thermometry, XI. 564.
- , planet, II. 777, 782, 790.
- MANOMETER, XV. 495.
- VAPOUR, Temperature of, XX. 131.
- MERENRA, Egyptian king, Mummy of, XVII. 22.
- MEREWINGS (Merovingians), Frankish dynasty, IX. 528; X. 477.
- MERGANSER, bird, XVI. 35.
- MERGUL, district and town, British Burmah, XVI. 36.
- MERGUS, genus of birds, XVI. 35.
- MERIAN, Madame, on the luminosity of the lantern-fly, XIV. 290.
- MERICI, Angela de, founder of the Ursuline order, XVI. 712; XXIV. 14.
- MERIDA, town, Spain, XVI. 36; XXII. 307.
- , town, Venezuela, XXIV. 139, 140.
- , town, Yucatan, Mexico, XVI. 36, 214; population, XXIV. 758.
- MERIDEN, town, Connecticut, U.S.A., XVI. 37.
- MERIDIAN, in astronomy, II. 764.
- , in geography, X. 198; measurement of arc of, II. 792; VII. 597; measurement of direction of, X. 165.
- , First, of different map-makers, XV. 521.
- , Magnetic, XV. 220, 235.
- ALTITUDES, Observation of, at sea, XVII. 268.
- CIRCLE, astronomical instrument, XXIII. 515.
- MERIDIANS, Convergency of, in surveying, XXII. 706.
- MERIDIONAL LINE, Division of, for chart-making, XVII. 254.
- MÉRIMÉE, Prosper, French novelist and archaeologist, XVI. 37.
- MERINOS, Rabbi (Rabbi Jonah), Jewish philologist, XIII. 737.
- MERINO SHEEP, Spanish breed, XXII. 300; introduced into England by George III., I. 303; wool of, XXIV. 655.
- MERIONETH, county, Wales, XVI. 38; representation, XXIII. 727.
- MERISTEM, formative tissue of plants, XII. 14.
- MERLIN, bird, IX. 3.
- MERLIN (Myrdhinn), Welsh bard, II. 650; v. 318.
- , in Arthurian romance, XX. 645.
- BRITANNICUS, on physiognomy, XIX. 5.
- MERLUCCIUS, genus of fishes, XI. 378.
- MERMAIDS, in popular mythology, XVI. 39.
- MERMAIDS' PURSES, egg-cases of dog-fish, VII. 332.
- MERMEN, in popular mythology, XVI. 39.
- MERMIS, genus of nematode worms, XVII. 325.
- MERMNAD, dynasty of Lydian kings, XI. 347.
- MERODACH, Assyrian divinity, XXIII. 237.
- MEROE, town, Ethiopia, XVI. 40.
- MEROGENESIS, bud-formation, in growth of organisms, XII. 555; XXIV. 183.
- MEROM, Waters of, Palestine, XIII. 746.
- MEROSTOMATA, division of Crustacea, VI. 662.
- MEROVINGIAN KINGS, Frankish dynasty, IX. 528; X. 477.
- MEROVINGIAN WRITING, XVIII. 157.
- MERREM, Blasius, on birds, XVIII. 19; on reptiles, XX. 436.
- MERRETT, Christopher, on birds, XVIII. 4.
- MERRIMAC, river, Massachusetts, U.S.A., XV. 611.
- MERSE, district, Scotland, III. 612.
- MERSEBURG, town, Germany, XVI. 41.
- MERSENNE, Marin, French philosopher and musician, XVII. 88; XXIII. 520; correspondent of Descartes, VII. 116.
- MERSEY, river, England, XIV. 252, 712; tunnel under, XXIII. 623.
- , river, Nova Scotia, XVII. 601.
- MERSINA, town, Cilicia, Asia Minor, v. 777.
- MERSWIN, Rulmann, German mystic, XVII. 133, 486.
- MERTHYR TYDFIL (or TYDVIL), town, Wales, XVI. 41.
- MERTON, England, Synod of (1255), VIII. 373.
- COLLEGE, Oxford, XVIII. 97.
- MERTVY KULTUK, bay, Caspian Sea, v. 177.
- MERU, Aryan paradise, Central Asia, XVIII. 102.
- , mountain, Eastern Africa, XIV. 73.
- , or Merv, town, Central Asia, XVI. 41; XXIII. 512.
- MERULA, genus of birds, XXIII. 322.
- MERV, town, Central Asia, XVI. 41; XXIII. 512; wall of Antiochus at, XVIII. 587.
- MERVEILLE, La, abbey, Mont St Michel, France, XVI. 797.
- MERWA, hill, Mecca, XV. 674.
- MERWAN I., caliph, XVI. 569.
- II., caliph, XVI. 576.
- MÉRYON, Charles, French etcher, XVI. 44.
- , Charles Lewis, physician, biographer of Lady Hester Stanhope, XXII. 450.
- MESAA, plant, Arabia, II. 236.
- MESATIS, settlement, Greece, XVIII. 410.
- MESCHERYAKS, or Meschers, people, Russia, XVI. 45; XXI. 115.
- MESCHOVSK, town, Russia, XVI. 46.
- MESEMBRYANTHEMUM, plant, XII. 263.
- MESENE, kingdom, Mesopotamia, XVI. 51.
- MESHA, king of Moab, XIII. 407; XVI. 534; Hebrew inscription of, XXI. 645.
- MESHECH, of Scripture, XIII. 593.
- MESHED, town, Persia, XVI. 46; XVIII. 618, 626, 628; pilgrimages to, XIX. 93.
- MESHED-ALI, town, Asiatic Turkey, XVI. 46.
- MESHED-HOSEIN (Kerbela), town, Asiatic Turkey, XIV. 48.
- MESHIHA-ZEKHA, Syriac writer, XXII. 838.
- MESHIK, mountains, Transcaucasia, Russia, XXIII. 513.
- MESHRAAT AL-KSIRI, town, Morocco, XVI. 832.
- MESHI, Turkish poet, XXIII. 656.
- MESJID-I-JUMA, Mosque of, Herat, Afghanistan, XI. 714.
- MESMER, Friedrich Anton, founder of mesmerism, XV. 277.
- MESMERISM, XV. 277; II. 505; Harriet Martineau on, XV. 584.
- MESNE PROCESS, in law, XIX. 789.
- MESNEVI, Turkish poem, XXIII. 656.
- MESOBLAST, layer of tissue in animal embryo, II. 51; VIII. 747; XXII. 106.
- MESOLA, town, Greece, XVI. 53.
- MESOLITE, mineral, XVI. 423.
- MESOLONGHI, or Missolonghi, town, Greece, XVI. 524.
- MESOPLODON, genus of cetacean mammals, XV. 397.
- MESOPOTAMIA, country, Western Asia, XVI. 47; III. 183; XXIII. 653.
- , Parthian kingdom of, XVIII. 592.
- MESOSTATES, in physiology, XIX. 19.
- MESOTHERIUM, fossil ungulate mammal, XV. 427.
- MESOWAH (Massowah), town on Red Sea, XV. 619.
- MESOZOIC PERIOD, Mammals of, XV. 375.
- MESOZOIC ROCKS, X. 352.
- MESPILA, ancient town, Mesopotamia, XVI. 868.
- MESPILUS, genus of trees, XV. 824.
- MESQUES, mountains, Transcaucasia, Russia, XXIII. 513.
- MESSA, town, Morocco, XVI. 831.
- MESSALA CORVINUS, friend and patron of Tibullus, XXIII. 348.
- MESSALIANS, Eastern ascetics, XVI. 701.

- MESSALINA, wife of the emperor Claudius, v. 817; xvii. 348.
- MESSANA, or Messina, town, Sicily, xvi. 56; xxii. 20, 31.
- MESSAPIANS, ancient Italian people, xiii. 443; their language, xiv. 327.
- MESSARIA, plain, Cyprus, vi. 747.
- MESSCHERT, Willem, Dutch poet, xii. 97.
- MESSEADAGLIA, Angelo, Italian economist, xix. 394.
- MESSEIX, coal-mines, France, xx. 120.
- MESSENE, ancient town, Greece, xvi. 52; coins of, xvii. 643.
- MESSENIA, state, Greece, xvi. 52.
- MESSENIUS, Johannes, Swedish dramatist, xxii. 754.
- MESSIAH, xvi. 53, 315; xiii. 657; question of his identity with Isaiah's Servant of Jehovah, xiii. 382.
- , Handel's oratorio, xi. 436.
- , Klopstock's poem, x. 535; xiv. 109.
- MESSIAHS, False, in 1st century, xxii. 78, 80.
- MESSINA, town, Sicily, xvi. 56; xxii. 20, 31.
- , Straits of, Sicily, xxii. 29.
- MESSIRAS, African race, v. 281.
- MESTA, La, Spanish corporation, xxii. 334.
- MESTIZO, issue of white and Negro or Indian, xvii. 319; ii. 494.
- MESUA, Arabic physician, xv. 805.
- META, river, South America, xvii. 844.
- METABOLISM, physiological process, xix. 13, 49; of tissues and glands, xvii. 679, 682; in plants, xix. 49.
- , Diseases of, xviii. 385.
- METACENTRE, in hydrostatics, xii. 443.
- METACHIRUS, group of marsupial mammals, xvii. 796.
- METALLIC BEETLE, vi. 132.
- METALLOIDS, x. 222; spectra of, xxii. 375.
- METALLURGY, xvi. 57; of lead, xiv. 375; Plattner's contributions to, xix. 213.
- METALS, xvi. 63; x. 222; alloys of, i. 588; elasticity of, vii. 800; electric conductivity of, viii. 51; expansions of, xi. 582; extraction of, from their ores, xvi. 57; paramagnetic and diamagnetic, xv. 263; spectra of, xxii. 375; strengths of, vii. 816; structure of, xvi. 63; transmutation of, i. 461.
- METAL-WORK, xvi. 71; niello, xvii. 494; in plate, xix. 178; Japanese, xiii. 591; ancient Mexican, xvi. 213; Venetian, xxiv. 156.
- METAMORPHIC ROCKS, x. 263, 314, 372.
- METAMORPHOSES, of Apuleius, ii. 215.
- , Ovid's, xviii. 80.
- METAMORPHOSIS, in biology, xvi. 79, 837; of the axolotl, xxii. 96; of insects, xii. 573; xiii. 146; animal, myths of, xv. 89.
- METAPAN, town, Salvador, Central America, xxi. 268.
- METAPHOR, in rhetoric, xx. 513.
- METAPHRASTES, Symeon, Byzantine hagiographer, xxii. 811.
- METAPHYSIC, or Metaphysics, xvi. 79; xviii. 792; in relation to logic, xiv. 785, 798; to psychology, xx. 37; to theology, xxiii. 268; of Aristotle, ii. 521; contributions to, by Hamilton, xi. 417; by Locke, xiv. 757; Herbart on, xi. 718; Herder on, xi. 729; Kant's, xiii. 848; Lotze's, xv. 14; Spinoza on, xxii. 402.
- , Institutes of, by Ferrier, ix. 110.
- METAPONTUM, town, Magna Græcia, Italy, xvi. 103; xv. 37.
- METASTASIO (Pietro Trapassi), Italian poet and dramatist, xvi. 103; xiii. 513.
- METATHERIA, division of Mammalia, xv. 371, 378.
- METAURUS, Italy, Battle of (207 B.C.), xi. 444; xx. 750.
- METAXITE, mineral, xvi. 414.
- MÉTAYAGE, system of land tenure, i. 414; xiv. 268.
- METAZOA, division of the animal kingdom, ii. 51; xix. 830; skeletal conditions of, xxii. 106.
- METCALFE, Lord, British administrator, xvi. 105.
- METCHETNOYE, town, Russia, xvii. 504.
- METELLUS, Quintus Cæcilius, Celer, Roman prætor, xvi. 106.
- , Quintus Cæcilius, Macedonicus, Roman prætor, xvi. 106.
- , Quintus Cæcilius, Numidicus, Roman general, xvi. 106; xiii. 767; xx. 758.
- , Quintus Cæcilius, Pius, Roman general, xvi. 106.
- , Quintus Cæcilius, Pius Scipio, Roman general, xvi. 106.
- METEMME (Galabat), town, Upper Egypt, x. 17.
- METEMPSYCHOSIS, transmigration, xvi. 106; xv. 91; Hindu doctrine, xxi. 289; xxiv. 117; Pythagorean, xx. 139.
- METEOR, xvi. 107, 112; possible connexion with the aurora, iii. 98; with comets, ii. 815.
- METEORA, group of monasteries, Thesaly, xvi. 114; xxiii. 299.
- METEORIC IRON, xiii. 285.
- METEORITE, or Aerolite, xvi. 108, 112; xviii. 126; xxii. 649; carbon in, v. 86.
- METEORIDS, xvi. 109.
- METEOROLOGICAL TIDES, xxiii. 365.
- METEOROLOGY, xvi. 114; its connexion with navigation, xvii. 263; thermometers used in, xxiii. 290; terrestrial magnetism, xvi. 159; contributions to the science by Deluc, vii. 54; by Fitzroy, ix. 272; by Henry, xi. 675; by Leverrier, xiv. 487; by Saussure, xxi. 324; meteorological societies, xxii. 225.
- METGE, Bernat, Catalan writer, xxii. 364.
- METHANE, normal paraffin, v. 558.
- , volcano, Greece, xi. 82.
- METHEGLIN, or Hydromel, beverage from honey, xii. 137.
- METHIDES, Metallic, xvi. 197.
- METHOD, Discourse of, Descartes's, vii. 119.
- METHODISM, religious organization, xvi. 185; English, viii. 378; Wesley's founding of, xxiv. 504.
- , Roman system of medicine, xv. 802.
- METHODIUS, St, apostle of the Slavs, xvi. 194.
- , bishop of Tyre, early hymn-writer, xii. 579.
- METHUEN, John, English envoy to Portugal, xix. 549.
- TREATY (1703), xix. 549; xxii. 336.
- METHYL, in chemistry, xvi. 194.
- METHYLAMINES, in chemistry, xvi. 196.
- METHYLPHOSPHINES, in chemistry, xvi. 197.
- METHYMNA, town, Lesbos, Asia Minor, xiv. 474.
- METHYSTICIN, vegetable crystalline principle, xiv. 18.
- METICS, foreign settlers in Athens, Solon's treatment of, xxii. 255.
- METIDJA, plain, Algeria, i. 563.
- METILIN (Lesbos), island, Ægean Sea, Turkey, xiv. 474.
- METIUS, James, his relation to invention of the telescope, xxiii. 136.
- METKARI HOLDINGS, India, i. 437.
- METONIC CYCLE, in astronomy, ii. 747; iv. 668.
- METOPES, Greek sculptures, ii. 349.
- METOPOSCOPY, in physiognomy, xix. 4.
- METRE, in poetry, xix. 258.
- , standard of length, xxiv. 480; vii. 606.
- METRETES, Greek measure, xxiv. 485.
- METRICAL THEORY, in geometry, x. 411, 416.
- METRIC SYSTEM, of weights and measures, xxiv. 490.
- METRODORUS, friend of Epicurus, viii. 472.
- METRONOME, indicator of rate of time in music, xvi. 198.
- METROON, temple at ancient Olympia, Greece, xvii. 769.
- METROPOLITAN, ecclesiastical dignitary, iii. 787; bishops, xix. 490.
- BOARD OF WORKS, London, xiv. 820.
- RAILWAYS, London, xx. 239.

- METROXYLON, genus of trees, XXI. 148.
- METSU, Gabriel, Dutch painter, XVI. 198.
- METTERNICH, Clemens Wenzeslaus, Prince, Austrian statesman, XVI. 199; III. 134; his interview with Napoleon, XVII. 219.
- METTRIE, Julien Offray de la, French writer, XIV. 243; IX. 668.
- METZ, town, German Lorraine, XVI. 202; siege of (1552), IX. 559; siege of (1870), IX. 627; aqueduct at, II. 221.
- METZGERIA, genus of liverworts, XVII. 66.
- METZGERSPRUNG, popular fête, at Munich, Bavaria, XVII. 26.
- METZTLI, Mexican deity, XVI. 211.
- MEUDON, Paris, Observatory at, XVII. 712.
- MEULEN, Antony Francis van der, Flemish painter, XVI. 204.
- MEUNG, Jean de, early French writer, IX. 643.
- MEURTHE-ET-MOSELLE, department, France, XVI. 204.
- MEURVIN, romance, XX. 652.
- MEUSE, department, France, XVI. 205. —, or Maas (*q.v.*), river, France, Belgium, and Holland, XVI. 205.
- MEUSELWITZ, town, Germany, XXI. 347.
- MEW, bird, XI. 274.
- ME-WANG, river, Siam, XXI. 850.
- MEWAR, state, India, XX. 260; XXIII. 716.
- MEXICAN LANGUAGE (Aztec), Dictionaries of, VII. 193.
- MEXICO, country, North America; XVI. 206; ancient annals of, I. 694; monuments, II. 451; mythology, XVII. 150; pottery, XIX. 633; races, I. 691; conquest of, by Cortes, VI. 441. —, modern republic, XVI. 214; I. 714; revolt of, from Spain, I. 710; war with United States, XXIII. 767; interference of France in, IX. 625; under Maximilian, XV. 645; Indian races of, XII. 828; libraries, XIV. 536, 551; mines, XVI. 471; observatory at Tacubaya, XVII. 715; prison system, XIX. 761; railways, XX. 252; weights and measures, XXIV. 490. —, state, Mexico, XVI. 214. —, capital of Mexico, XVI. 220. —, Gulf of, XXIV. 510.
- MEYDOOM, or Medum, Egypt, Pyramid of, VII. 773; II. 386; XX. 122, 124; mummies of, XVII. 21.
- MEYER, Conrad, pianoforte maker, XIX. 77.
- , H. L., illustrator of birds, XVIII. 18.
- , O. E., on the friction and viscosity of gases, XVI. 619; on viscosity, XIX. 248.
- MEYERBEER, Giacomo, German musical composer, XVI. 222.
- MEYER-MERIAN, T., Swiss poet, XXII. 799.
- MEZANKOORIE, silkworm, XXII. 60.
- MEZEN, river, Russia, XXI. 73.
- MEZENC, mountain, Cevennes, France, V. 358.
- MÉZERAY, François Eudes de, French historian, IX. 660.
- MEZEREON, plant, XIV. 349.
- MEZETSK, town, Russia, XV. 824.
- MEZHA, river, Russia, XXII. 183.
- MÉZIÈRES, town, France, XVI. 223. —, Marie Jean Laboras de (Madame Riccoboni), French novelist, XX. 538.
- MEZOMORTO, Husain, Algerine pirate, I. 566.
- MEZŐ-TUR, town, Hungary, XVI. 223.
- MEZUZA, Jewish prayer-box, XIX. 1.
- MEZZADRIA, Milanese system of land leases, XVI. 293.
- MEZZOFANTI, Giuseppe, Italian linguist, XVI. 223.
- MEZZOTINT ENGRAVING, VIII. 445; shading, for surveys, XXII. 710.
- MGANGA, African sorcerer, XV. 200.
- MGLIN, town, Russia, XXIII. 96.
- MIAKO (Kioto), town, Japan, XIV. 92.
- MIAMIS, American-Indian tribe, XII. 831.
- MIAN MIR, cantonment, India, XIV. 212.
- MIAOULIS, Andreas Vokos, Greek naval leader, XI. 125.
- MIARGYRITE, mineral, XVI. 394.
- MIAUTSE, tribe, China, XVI. 223.
- MICA, mineral, X. 228; XI. 48; colours of, XXIV. 450; deposits of, North Carolina, U.S.A., XVII. 560.
- MICAH, Old Testament prophet, XVI. 224; XIX. 817. —, Syriac writer, XXII. 830.
- MICALE, Asia Minor, Naval battle of, (479 B.C.), XVIII. 573.
- MICA-MAGNESIA, mineral, XVI. 412, 413.
- MICA-SCHIST, rock, X. 231, 236.
- MICA-SLATE, rock, X. 236.
- MICHAEL, of Scripture, XVI. 226. — I.-VII., Byzantine emperors, XVI. 226. — VIII.-IX., Byzantine emperors, XVI. 227. —, prince of Servia, XXI. 689. —, voivode of Walachia, XXI. 17. —, Syriac writer, XXII. 851. — of Cesana, general of Franciscans, XVII. 717. —, St, and St George, Order of, XIV. 124. — ROMANOFF, czar of Russia, XXI. 95. — SCANTBEARD, Osmanli general, XXIII. 640. — WISNIOWIECKI, king of Poland, XIX. 295.
- MICHAELIS, Christian Benedict, German Orientalist, XVI. 227. —, Johann David, German Orientalist, XVI. 227. —, Johann Heinrich, German Orientalist, XVI. 227.
- MICHARINO, Sienese painter, XXII. 44.
- MICHAUD, Joseph, French historian and publicist, XVI. 228.
- MICHAUX, André, French botanist, XVI. 228. —, François André, French writer on forestry, XVI. 229.
- MICHEL, Claude, French sculptor, XXI. 563.
- MICHELANGELO, Italian painter, sculptor, and architect, XVI. 229; II. 438; XXI. 435, 569; as fresco painter, IX. 773; Perugino's jealousy of, XVIII. 681; his relations with Leonardo da Vinci, XIV. 457, 459; with Raphael, XX. 275; with Sebastiano del Piombo, XXI. 615.
- MICHELET, Jules, French historian, XVI. 235; IX. 681.
- MICHELETTI, Don, Italian bravo, XV. 148.
- MICHELL, Francis, degraded from knighthood, XIV. 125. —, John, English scientist, XVI. 237.
- MICHELOZZI, Michelozzo, Italian sculptor and architect, XVI. 237.
- MICHELSON, A., on the velocity of light, XXIV. 459.
- MICHELII, Vitale, doge of Venice, XXIV. 142.
- MICHIGAN, State, U.S.A., XVI. 237. —, Lake, North America, XIV. 217; XXI. 178, 182. — CITY, town, Indiana, U.S.A., XVI. 241.
- MICHMASH, of Scripture, XVI. 241.
- MICHOACAN, state, Mexico, XVI. 214.
- MICIPSA, Numidian prince, XIII. 766; XVII. 627.
- MICKIEWICZ, Adam, Polish poet, XVI. 241; XIX. 304.
- MICKLE, William Julius, Scottish poet, XVI. 242. — FELL, mountain, England, XXIV. 513, 746.
- MICON, Greek mural painter, XVII. 41.
- MICOUREUS, group of marsupial mammals, XVII. 796.
- MICROBES, minute organisms, XXI. 398.
- MICROCHIROPTERA, suborder of Mammalia, XV. 410.
- MICROCOCCLUS, genus of Bacteria, XXI. 399.
- MICROCODON, genus of Rotifera, XXI. 4.
- MICROCOSMOGRAPHY, Bishop Earle's work, VII. 596.
- MICROCOSMOS, Heylin's work, XI. 785.
- MICROFARAD, electric unit of measurement, XXIII. 116.
- MICROGALE, genus of insectivorous mammals, XV. 405.

- MICROLINE, mineral, XVI. 419.
 MICROLITE, mineral, XVI. 426.
 MICROMASTICTORA, division of sponges, XXII. 421.
 MICROMETER, scientific instrument, XVI. 242; XXII. 718; use of, in astronomy, II. 755; for the microscope, XVI. 277.
 MICROMONACHA, genus of birds, XX. 101.
 MICRONESIA, islands, Pacific Ocean, XVI. 256; XIX. 418.
 MICROPHONE, Telephonic, XXIII. 129, 132.
 MICROPHYTES, minute organisms, XXI. 398.
 MICROPTERUS, genus of birds, XIX. 252.
 MICROSCLERES, group of sponges, XXII. 416.
 MICROSCOPE, optical instrument, XVI. 258; XIV. 594; XVII. 806; its use in anatomical study, I. 817; in histological, XII. 10; in zoological, XXIV. 801, 815; graduation of, XI. 28; its use in surveying, XXII. 718; improvements on, by Amici, I. 738; Leeuwenhoek's discoveries with, XIV. 410; Malpighi's observations with, XV. 338; microscopical societies, XXII. 225.
 MICROSEISMOMETER, earthquake indicator, XXI. 629.
 MICROSOMMITE, mineral, XVI. 412.
 MICROSPORES, in plant development, XX. 424.
 MICROSTOMA, genus of fishes, XXI. 222, 224.
 — LINEARE, planarian worm, XIX. 174.
 MIDAS, king of Phrygia, XVI. 278; XVIII. 849; tomb of, II. 347.
 —, genus of apes, II. 155.
 MIDDELBURG, town, Holland, XVI. 278; population, XXIV. 772.
 MIDDENDORF, Alexander Theodor von, Russian Arctic explorer, XIX. 320.
 MIDDENDORFF, German educationist, IX. 793.
 MIDDENS, Kitchen, prehistoric shell-heaps, II. 116.
 MIDDLE AGES, Characteristics of the, XX. 380.
 MIDDLE AGES, Hallam's History of the, XI. 393.
 MIDDLEBOROUGH, town, Massachusetts, U.S.A., XVI. 278.
 MIDDLEHAM CASTLE, Yorkshire, England, XXIV. 749.
 MIDDLESBROUGH, town, England, XVI. 278; XXIV. 747, 748; salt-mine, XXI. 231.
 MIDDLESEX, county, England, XVI. 279; representation, XXIII. 727.
 MIDDLE TEMPLE, legal society, London, XIII. 87, 89.
 MIDDLETON, town, England, XVI. 282.
 —, Earl of, Scottish statesman, XXI. 515.
 MIDDLETON, Captain Christopher, Arctic explorer, XIX. 318.
 —, Conyers, English divine, XVI. 282.
 —, Thomas, English dramatist, XVI. 282; VII. 432; influence of Fletcher on, III. 474.
 MIDDLETOWN, town, Connecticut, U.S.A., XVI. 283.
 —, town, New York, U.S.A., XVI. 284.
 MIDGE, insect, XIII. 150; wheat midge, XXIV. 535.
 MIDHURST, town, England, XVI. 284; XXII. 724.
 MIDIAN, of Scripture, XVI. 284.
 MIDIANITES, people, Palestine, XVIII. 175.
 MIDI D' OSSAU, Pic du, Pyrenees, France, IX. 505.
 MIDLOTHIAN (Edinburgh), county, Scotland, VII. 656.
 MIDNAPUR, or Midnapoor, district and town, India, XVI. 284.
 MIDRASH, Jewish writings, XVI. 285; I. 55; XI. 742; XXIII. 35.
 MIDSHIPMAN, Naval, his duties, XVII. 293.
 MIDSOMER-NORTON, town, England, XXII. 258.
 MIDSUMMER NIGHT'S DREAM, Shakespeare's play, XXI. 764.
 MIDSUMMER NIGHT'S DREAM, Mendelssohn's opera, XVI. 7.
 MIDWIFERY, department of medicine, XV. 797; use of anæsthetics in, I. 789.
 MIECZYSLAW I.-II., kings of Poland, XIX. 286.
 — III., of Poland, XIX. 287.
 MIEDZYRZECZ PODLASKI, town, Poland, XVI. 288.
 MIEMITE, mineral, XVI. 397.
 MIERIS, family of Dutch painters, XVI. 288.
 MIESROB, Armenian scholar, II. 550.
 MIGLIORATI, Cosimo de (Pope Innocent VII.), XIII. 84.
 —, Luigi, Roman assassin, XX. 804.
 MIGNARD, Pierre, French portrait painter, XVI. 289.
 MIGNONETTE, plant, XVI. 289.
 MIGRAINE, disease, XVII. 364.
 MIGRATION, of birds, III. 764; of insects, XIV. 765; of lemmings, XIV. 436; of mammals, VII. 276; instinct in, XIII. 159.
 MIGUEL, Maria Evarist, claimant of Portuguese throne, XVI. 290; regent of Portugal, XIX. 552.
 MIGULINSKAYA, Cossack village, Russia, XVI. 290.
 MIHR NARSEH, Persian general, XVIII. 610.
 MIKADO, the emperor of Japan, XIII. 581.
 MIKHA, Syriac writer, XXII. 830.
 MIKHAILOFF, town, Russia, XXI. 116.
 MIKHAILOVSK, town, Transcasian Region, Russia, XXIII. 513.
 MIKHAILOVSKAYA, Cossack village, Russia, XVI. 290.
 MIKHNAF, Abu, Arab historian, XXIII. 2.
 MI-KIANG, river, Corea, VI. 391.
 MILAN, Duchy of, Italy, XIII. 478.
 —, town, Italy, XVI. 290; its resistance to Frederick Barbarossa, XIII. 471; its rivalry with Pavia, XIII. 469; cathedral of, II. 436; church of San Ambrogio, II. 435; libraries, XIV. 530, 548; observatory, XVII. 713; its school of painting, XXI. 437, 443; picture galleries, XXI. 447; sculpture, XXI. 568.
 —, king of Servia, XXI. 689.
 MILARITE, mineral, XVI. 417.
 MILAZZO, town, Sicily, XVI. 293.
 MILCOM, god of the Ammonites, XVI. 696.
 MILDEW, fungus, XVI. 293; XVIII. 266.
 MILE, measure of length, XXIV. 485.
 MILES, Mrs, American hymn-writer, XII. 596.
 MILESIA, early Irish tribe, v. 299; XIII. 244.
 MILESIA, Greek, XX. 634.
 MILETOPOLIS, Lake of, Mysia, Asia Minor, XVII. 122.
 MILETUS, town, Asia Minor, XVI. 294; XXII. 186; coins of, XVII. 647.
 MILFORD, town, Wales, XVI. 294; XVIII. 482.
 —, town, Massachusetts, U.S.A., XVI. 295.
 MILHAMOTH ADONAI, Ben Gerson's work, x. 550.
 MILHAU, or Millau, town, France, XVI. 314.
 MILIARY FEVER, XXII. 735.
 MILICZ, Johann, Moravian preacher, XVI. 295.
 MILIOLIDEA, order of Protozoa, XIX. 846.
 MILITARY CHAPLAINS, of British army, II. 584.
 MILITARY DIET, VII. 212.
 MILITARY FRONTIER, district, Austria, XVI. 295.
 MILITARY HISTORY, Study of, XXIV. 345.
 MILITARY HOSPITALS, XII. 306.
 MILITARY LAW, XVI. 295; in British army, II. 587.
 MILITARY PRIVILEGES, in Roman law, XX. 705.
 MILITARY SERVICE, Feudal, XIV. 114; as a tax, IX. 176.
 MILITARY STRATEGY, XXIV. 349.
 MILITARY TACTICS, XXIV. 353; of artillery, II. 667; modern changes in, II. 565.
 MILITIA, of United Kingdom, XVI. 299; II. 567; Machiavelli's plan of a, XV. 147.
 MILITSCH, or Milicz, Johann, Moravian preacher, XVI. 295.

- MILITZA, Servian heroine, XXI. 689.
- MILK, XVI. 301; VI. 768; adulterations of, I. 168; as an article of diet, VII. 202; composition of, IV. 591; V. 455; fermentation of, IX. 92, 97; sugar in, XXII. 624; of the ass, II. 717; of the goat, X. 710.
- OF SULPHUR, XXII. 635.
- MILKY WAY, The, II. 818.
- MILL, Flour, IX. 344.
- , Iron Rolling, XIII. 328.
- , James, English historian and philosopher, XVI. 306; XIX. 377.
- , John, New Testament critic, XVI. 307.
- , John Stuart, English philosopher and politician, XVI. 307; his interpretation of analogy, I. 791; on mental association, II. 734; on axioms, III. 160; as economist, XIX. 378; his ethical teaching, VIII. 607; on government, XI. 17; on the character of Jesus Christ, XIII. 670; his logic, XIV. 793; his relations with Comte, VI. 231.
- MILLAR, William, collector of pamphlets, XVIII. 205.
- MILLAU, town, France, XVI. 314.
- MILLBANK PRISON, London, XIX. 748.
- MILLEDGEVILLE, town, Georgia, U.S.A., X. 436.
- MILLE LACS, lake, Minnesota, U.S.A., XVI. 476.
- MILLENARIANISM, in eschatology, XVI. 315, 317; VIII. 534; XVIII. 427; XX. 497.
- MILLENNIUM, XVI. 314; VIII. 535.
- MILLEPEDES, order of Myriapoda, V. 340; XVII. 118; as wheat pests, XXIV. 536.
- MILLER, Hugh, Scottish geologist, XVI. 318.
- , William, American millenarian, XVI. 320.
- , William, Scottish engraver, XVI. 320.
- MILLER - CASELLA THERMOMETER, XXIII. 291.
- MILLERITE, mineral, XVI. 392.
- MILLERITES, American religious sect, XVI. 320.
- MILLER'S THUMB, fish, XVI. 320; XII. 690.
- MILLES, Syriac writer, XXII. 827.
- ET AMYS, romance, XX. 652.
- MILLET, cereal, XVI. 321.
- , Indian, or Durra, VII. 564; XII. 748.
- , Jean François, French painter, XVI. 321; IX. 700, 701.
- MILLING MACHINE, for cutting teeth of wheels, XV. 156.
- MILLIONI, Marco, sobriquet of Marco Polo, XIX. 407.
- MILLO, Tower of, Jerusalem, XIII. 639.
- MILON'S BASE, compound of mercury, XVI. 34.
- MILLS, Flour, IX. 344.
- , Iron Rolling, XIII. 328.
- , John, originator of the French Encyclopédie, VIII. 197.
- MILLSTONE GRIT, rock, X. 349.
- MILLSTONES, IX. 344.
- MILLVILLE, town, New Jersey, U.S.A., XVI. 322.
- MILMAN, Henry Hart, dean of St Paul's, English historian, dramatist, and poet, XVI. 323; hymns by, XII. 595.
- MILNATHORT, town, Scotland, XIV. 92.
- MILNE-EDWARDS, Alphonse, on birds, XVIII. 36.
- MILNE-EDWARDS, Henri, his zoological classification, XXIV. 809.
- MILNGAVIE, town, Scotland, XXII. 554.
- MILO, Greek athlete, XVI. 323.
- (Melos), island, Ægean Sea, XV. 841.
- , Titus Annius Papianus, Roman partisan leader, XVI. 323.
- MILOSCHIN, mineral, XVI. 424.
- MILOSH OBILICH, Servian hero, XXI. 689.
- MILOSH OBRENOVICH, prince of Servia, XXI. 689.
- MILTIADES, Athenian general, XI. 99.
- , pope, XV. 839.
- MILTITZ, Carl von, papal legate, XV. 73.
- MILTON, Christopher, brother of the poet, XVI. 339.
- , Frances (Mrs Trollope), English writer, XXIII. 585.
- , John, English poet, XVI. 324; on education, VII. 675; hymns by, XII. 592; pamphlets of, XVIII. 205; as pastoral poet, XVIII. 347; influence of the Renaissance on, XX. 393; his epitaph on Shakespeare, VIII. 495; his sonnets, XXII. 262; his place in English literature, VIII. 424; his place in epic poetry, XIX. 267; his probable indebtedness to Ochino, XVII. 720; his controversy with Salmasius, XXI. 220.
- ABBEY, Dorset, England, VII. 372.
- MILTSIN, Mount, Morocco, III. 27.
- MILUTIN, king of Servia, XXI. 688.
- MILUTINOVICH, Simeon, Servian poet, XXI. 691.
- MILVIAN BRIDGE, near Rome, IV. 329; battle of (312 A.D.), VI. 299.
- MILVUS, genus of birds, XIV. 103.
- MILWAUKEE, town, Wisconsin, U.S.A., XVI. 340; population, XXIV. 617.
- MILYANS, ancient people of Lycia, XV. 92.
- MILZOW, Gerhard, Norse writer, XVII. 589.
- MIMAMSA, Hindu system of philosophy, XXI. 289.
- MIMES, or Mimi, in Roman drama, VII. 409, 412.
- MIMETA, group of birds, XVII. 844.
- MIMETESITE, mineral, XVI. 407.
- MIMIC BEETLES, VI. 127, 131.
- MIMICRY, in biology, XVI. 341.
- MIMNERMUS, Greek poet, XVI. 345; XXII. 186.
- MIMOCICHLA, genus of birds, XXIII. 322.
- MIMOSA, genus of plants, XVI. 345; XIX. 62; bark of, for tanning, XIV. 381.
- MIMUS, genus of birds, XVI. 540.
- MINA, Greek money, XVII. 631.
- , ancient weight, XXIV. 487.
- MINÆAN LANGUAGE, Arabia, XXIV. 740.
- MINAHASSA, district, Celebes, V. 289.
- MINAMOTO, Japanese clan, XIII. 582.
- MINAS NOVAS, colourless topazes, XXIII. 446.
- MINCIO, river, Italy, XIII. 436.
- MINCOPIE, race of people, Andaman Islands, Asia, II. 12.
- MIND, Science of, XX. 39; evolution of, VIII. 770; in relation to phrenology, XVIII. 842; Descartes on, V. 145; Hegel's philosophy of, XI. 620; Hume's theory, XII. 352; Xenocrates's theory, XXIV. 718.
- MINDANAO, island, Philippines, XVIII. 748, 751.
- MINDEN, town, Prussia, XVI. 345; battle of (1759), III. 128; IX. 590.
- , or Münden, town, Hanover, XVI. 345.
- MINDING'S THEOREM, in mechanics, XV. 730.
- MINDORO, island, Philippines, XVIII. 748, 752.
- MINERAL BATHS, III. 439.
- MINERALOGY, XVI. 346 (index of mineral species, 429); Ste-Claire Deville's contributions to, XXI. 166; mineralogical societies, XXII. 225.
- MINERALS, analysed under the blow-pipe, III. 838; meteoric, XVI. 113; phosphorescence in, XVIII. 813; rock-forming varieties, X. 227; the property of the crown, XIV. 268.
- MINERAL SPRINGS, X. 270.
- MINERAL TALLOW, XVI. 429.
- MINERAL VEINS, X. 317; XVI. 441.
- MINERAL WATERS, XVI. 431; of Eastern Siberia, XXIII. 510.
- MINERS, Payment of, XVI. 449.
- MINERVA, Roman goddess (the Greek Athena), XVI. 437; ivory statue of, at Athens, XIII. 523.
- PRINTING MACHINE, XXIII. 705.
- MINES, XVI. 440; coal, VI. 61; gold, X. 745; laws regarding, XVI. 466.
- , Submarine explosive, XXIII. 449.
- MING, dynasty of China, V. 648.
- MINGO, adulterant of woollen goods, I. 176.
- MINGRELIA, province, Transcaucasia, Russia, XVI. 437; XXIII. 513.

- MINHO, river, Spain, XXII. 295.
- MINIATURE, branches of painting, XVI. 437; enamelling, VIII. 184.
- MINICOY, island, Laccadives, Indian Ocean, XIV. 183.
- MINIMA, in mathematics, XV. 643; XIII. 22.
- MINIMI, or Minims, order of monks, IX. 695; XVI. 711.
- MININ, Russian patriot, XXI. 95.
- MINING, XVI. 440; for coal, VI. 61; for gold, X. 745.
- , Military, IX. 464.
- MINISTERS, Nonconformist, Legal status of, XVII. 533.
- MINISTRY, state administration, XVI. 472.
- MINIUM, mineral, XVI. 387.
- MINK, carnivorous mammal, XVI. 474; skins of, IX. 838.
- MINNA VON BARNHELM, Lessing's drama, XIV. 480.
- MINNEAPOLIS, town, Minnesota, U.S.A., XVI. 474.
- MINNESÄNGER, German lyrists, X. 525; XVII. 83.
- MINNESOTA, State, U.S.A., XVI. 475.
- MINNOW, fish, XVI. 477; XII. 692; artificial, for angling, II. 33.
- ISLANDS, Madagascar, XV. 168.
- MIÑO, or Minho, river, Spain, XXII. 295.
- MINO DI GIOVANNI (Da Fiesole), Italian sculptor and architect, XVI. 477; XX. 836.
- MINOR, or Infant, in law, XIII. 1.
- , The, Foote's comedy, IX. 370.
- , bird, XI. 26.
- MINORCA, one of the Balearic Islands, Spain, III. 278; failure of Byng in defence of, IV. 604.
- MINORITES, order of friars, IX. 698; XX. 799.
- MINORITY, in law, I. 279.
- MINOS, legendary king of Crete, XVI. 478; VI. 570; XXIII. 294.
- MINOTAUR, of Greek legend, XIV. 179; XVI. 478.
- MINSHULL, Elizabeth, Milton's third wife, XVI. 336.
- MINSK, government, Russia, XVI. 478; XXI. 69; town, XVI. 479.
- MINSTER, in architecture, II. 467.
- MINSTREL, singer, XVI. 479; mediæval, VII. 413.
- , The, Beattie's poem, III. 466.
- MINSTRELSY OF THE SCOTTISH BORDER, Scott's, XXI. 547; Leyden's connexion with, XIV. 496.
- MINT, for coining, XVI. 480; of London, XIV. 832.
- , plant, XVI. 491; XII. 289; XVIII. 517.
- MINTJAC, or Muntjak, deer, XVII. 31; XIII. 602.
- MINT-MARK, of coins, XVII. 630.
- MINTO, First Earl of, British statesman, XVI. 492; governor-general of India, XII. 805.
- MINTON'S ENCAUSTIC PAVEMENT, IV. 283.
- MINUCIUS FELIX, Marcus, Christian apologist, XVI. 492.
- MINUET, dance, XVI. 492.
- MINUIT, Peter, director, New Netherland, America, XVII. 454.
- MINUSCULE WRITING, XVIII. 149.
- MINUSINSK, town, Russia in Asia, XXII. 11; XXIV. 743.
- TARTARS, Asiatic race, XXIII. 70.
- MINX, or Mink, carnivorous mammal, XVI. 474.
- MINYÆ, ancient Greek race, XI. 92; as voyagers, II. 496; in Lemnos, Ægean Sea, XIV. 437.
- MINYEH, town, Egypt, VII. 774.
- MIOCENE ROCKS, X. 362.
- MIOLANIIDÆ, family of chelonian reptiles, XXIII. 457.
- MIOSIC, Andrew Kacie, Servian writer, XXI. 690.
- MIQUELON, island, Newfoundland, XXI. 196; XVII. 382.
- MIR, village community, Russia, XXI. 70, 83.
- MIRA, river, Ecuador, VII. 646.
- MIRABEAU, Honoré Gabriel Riqueti, Comte de, French statesman, XVI. 492; IX. 598, 601; Dumont's relations with, VII. 530.
- , Victor Riqueti, Marquis de, French political economist, XVI. 498; XIX. 361.
- MIRABILITE, mineral, XVI. 401.
- MIRACLE OF THE THUNDERING LEGION, in Roman history, III. 87.
- MIRACLE-PLAYS, V. 324; VII. 413, 414; English, VII. 414; VIII. 416; in England, time of Shakespeare, XXI. 750; French, IX. 644; German, X. 526.
- MIRACLES, of Scripture, II. 191; X. 804, 809; of Elisha, VIII. 141; in Acts of the Apostles, I. 127; Campbell's Dissertation on, IV. 754; Woolston's view of, XXIV. 664.
- , of Apollonius, II. 188.
- MIRAFLORES, Spain, Sculptures at, XXI. 567.
- MIRAFRA, genus of birds, XIV. 316.
- MIRAGE, Atmospheric, XIV. 600.
- MIR ALISHIR, Persian poet, XVI. 499.
- MIRAMICHI, river, New Brunswick, XVII. 373.
- MIRAMIONES, French religious order, X. 152.
- MIRAMON, Miguel, Mexican general, XVI. 498.
- MIRANDA, Francesco, South-American general, XVI. 498.
- , Francisco de Sá de, Portuguese pastoral poet, XVIII. 346; XIX. 556.
- MIRANDOLA, Pico de, Christian humanist and Kabbalistic writer, XIX. 80; XIII. 813.
- MIRATH, or Meerut, district, India, XV. 825.
- MIRCEA, voivode of Walachia, XXI. 16.
- MIRGOROD, town, Russia, XIX. 410.
- MIR JAFAR, Indian nawab, XII. 801.
- MIR KASIM, Indian nawab, XII. 802; XVIII. 409.
- MIRKHOND, or Mirkhawand, Persian writer, XVI. 499.
- MIROIR DE MARIAGE, Deschamps's satire, VII. 128.
- MIROPOLIE, town, Russia, XVI. 499.
- MIRROR, XVI. 499; IX. 849; Etruscan bronze, VIII. 642; in optics, XIV. 587; use of, for signalling, XI. 632.
- GALVANOMETER, in telegraphy, XXIII. 124.
- MIRROR-READING, in optics, XXIV. 436.
- MIR TAGI, Urdu poet, XI. 848.
- MIRZA, Persian title, XVIII. 628.
- MIRZAPUR, or Mirzapoor, district and town, India, XVI. 502.
- MIRZA TAKI, Persian minister, XVIII. 651.
- MISANTHROPE, Le, Molière's play, XVI. 629.
- MISDEMEANOUR, in law, XVI. 502; VI. 588; IX. 68.
- MISDROY, town, Prussia, XXIV. 633.
- MISENO, Capo di, Italy, XVII. 187.
- MISERERE, of Allegri, I. 581.
- MISERICORDE, or Dagger, VI. 760.
- MISHNAH, or Mishna, rabbinical law, XVI. 502; XI. 600; XIII. 429; XXIII. 35; Maimonides's commentary on, XV. 296.
- MISHNEH TORAH, of Maimonides, XV. 295.
- MISKOLCZ, town, Hungary, XVI. 508.
- MISNIA, Dialect of, German, I. 152.
- MISOL, island, off New Guinea, XVII. 389.
- MISPECKEL, or Mispickel, mineral, XVI. 390; II. 635.
- MISPRISION, in law, XVI. 502; of treason, XXIII. 528.
- MISR, name for Egypt, VII. 700.
- MISRULE, Lord of, V. 704.
- MISSAL, liturgical book, XVI. 508.
- MISSI DOMINICI, imperial commissioners, IX. 532.
- MISSIONARIES, Christian, XVI. 511.
- MISSIONARY SOCIETIES, List of, XVI. 515.
- MISSIONS, Christian, XVI. 511; Baptist, III. 356; Jesuit systems, XIII. 651, 654; XX. 536; Moravian, XVI. 811; Roman Catholic, XIX. 809.
- MISSISSIPPI, river, U.S.A., XVI. 518; I. 674; XVII. 402; delta of, XX. 580; drainage of, X. 272; geology of valley of, XXIII. 801; influence of wind on, XII. 497; La Salle's explorations of, XIV. 318; Spanish claim to, XXIII. 753.
- , State, U.S.A., XVI. 521.

- MISSISSIPPI, bagatelle game, III. 230.
 — SCHEME, Law's, IX. 584; XIV. 367.
 MISSOLONGHI, town, Greece, XVI. 524.
 MISSOURI, river, United States, XVI. 518; XVII. 307; Lewis and Clarke's explorations of, XIV. 494; sources of, XVI. 772.
 —, State, U.S.A., XVI. 524; mule-breeding in, XVII. 14.
 — COMPROMISE (1820), V. 818; XXIII. 763, 772; repeal of (1854), XIV. 658.
 MISTER, title, XXIII. 417.
 MISTI, volcano, Peru, XVIII. 672.
 MISTLETOE, parasitic plant, XVI. 527; XVIII. 264, 265; in Northern mythology, I. 210; venerated by the Druids, VII. 477.
 MISTRAL, wind, Southern Europe, IX. 507; XVI. 149.
 MISTRESS, The, by Cowley, VI. 532.
 — OF THE ROBES, England, XXI. 37.
 MISTY LAW, mountain, Scotland, XX. 395.
 MISY, mineral, XVI. 401.
 MITA, tribute from Peruvian Indians, IV. 16; XVIII. 678.
 MITAU, town, Russia, XVI. 527.
 MITCHAM, town, England, XXII. 693; cultivation of mint at, XVIII. 518.
 MITCHEL, Ormsby M'Knight, American general and astronomer, XVI. 528.
 MITCHELL, Sir Thomas Livingstone, Australian explorer, XVI. 528; III. 105.
 —, river, Victoria, Australia, XXIV. 216.
 — LIBRARY, Glasgow, XIV. 523, 543.
 MITCHELL'S PEAK, North Carolina, U.S.A., XVII. 559.
 MITE, arachnid, XVI. 528; II. 276; itch-mite, XXII. 123.
 MITFORD, Mary Russell, English writer, XVI. 529.
 MITHRADATES, or Mithridates, I., Parthian king, XVIII. 590; XIX. 459.
 — II., the Great, Parthian king and king of Pontus, XVI. 529; XVIII. 595; XIX. 459; his conquest of Cappadocia, V. 76; his war in Greece, XI. 108; Sulla's victory over, XXII. 632.
 MITHRAS, Persian god, XVI. 530.
 MITHRIDATE, Racine's drama, XX. 207.
 MITHRIDATES, or Mithradates (*q.v.*), XVI. 529.
 MITLA, Mexico, Temple at, I. 695.
 MITRA, or Mithras, Persian god, XVI. 530.
 MITRAILLEUR, machine gun, XI. 285; II. 662.
 MITRE, bishop's head-dress, VI. 463.
 —, in heraldry, XI. 711.
 —, Bartolomeo, president of Argentine Republic, II. 492.
 MITRIDATE, opera by Mozart, XVII. 9.
- MITSCHERLICH, Eilhardt, German chemist, XVI. 531.
 MITTA MITTA, river, Victoria, Australia, XXIV. 215.
 MITYLENE, town, Lesbos, Asia Minor, XIV. 474.
 MIXITE, mineral, XVI. 406.
 MIZPAH, or Mizpeh, of Scripture, XVI. 532.
 MIZRAIM, name of Egypt, VII. 700.
 MIZZONITE, mineral, XVI. 412.
 MJÖSEN, lake, Norway, XVII. 576.
 MLAWA, town, Poland, XIX. 227.
 MNAIDRA, ancient temple, Malta, XV. 341.
 MNEMON, Artaxerxes II., king of Persia, II. 640; VII. 753; XVIII. 576.
 MNEMONICS, artificial helps to memory, XVI. 532.
 MNIOTILTIDÆ, family of birds, XXIV. 367.
 MOA, extinct bird, III. 112, 731; VII. 244; XVII. 469.
 MOAB, of Scripture, XVI. 533.
 MOABITES, people of Palestine, XIII. 397; XVIII. 175.
 MOABITE STONE, XIII. 116; XVI. 534, 536; XXI. 645.
 MOALLAKAT, Arabic poems, XVI. 536, 595; I. 778; II. 263.
 MOASSINA, country, Soudan, Central Africa, XXII. 279.
 MOAT-HEN, bird, XVI. 808.
 MOAWIYA I., caliph, XVI. 563, 565; II. 258.
 — II., caliph, XVI. 569.
 MOBANGI, river, Africa, XXIV. 764.
 MOBBING, in law, XX. 565.
 MOBILE, town, Alabama, U.S.A., XVI. 539.
 MOBILIZATION, of German army, II. 598.
 MÖBIUS, August Ferdinand, German astronomer, XVI. 540.
 MOCCOLETTI, carnival diversion at Rome, V. 124.
 MOCENIGO, Domenico, Venetian admiral, XXIV. 147.
 MOCHA, town, Arabia, XVI. 540; XX. 316.
 — STONE, variety of agate, I. 278.
 MOCKING-BIRD, XVI. 540.
 MODALISM, theological doctrine, XXI. 127.
 MODARES, leader of imperial Goths, XXIII. 258.
 MODELLING, in building, IV. 508; in design, in drawing, VII. 450; for sculpture, XXI. 571; of animals, in taxidermy, XXIII. 90.
 —, Mathematical, XV. 628.
 MODENA, Duchy of, Italy, XVI. 541.
 —, town, Italy, XVI. 541; library, XIV. 530, 548; observatory, XVII. 714; school of painting, XXI. 437, 443; sculpture, XXI. 569; university, XXIII. 836.
- MODERATISM, in Church of Scotland, IX. 743; XXI. 536.
 MODERATOR LAMP, XIV. 246.
 MODESTINUS, Roman jurist, XIII. 792.
 MODESTUS, Christian martyr, XXIV. 266.
 MODHAR, Arab tribe, Mesopotamia, XVI. 48.
 MODICA, town, Sicily, XVI. 542.
 MODICIA, Roman colony, Lombardy, XVI. 798.
 MODLIN, town, Russian Poland, XVII. 608; XXIV. 376.
 MODOCS, American-Indian tribe, XII. 833.
 MODULE, in architecture, II. 467.
 MODULUS, of elasticity, VII. 804; of rigidity, XXII. 595.
 MOE, Jørgen Engebretsen, Norwegian poet, XVI. 542; XVII. 591.
 MOED, part of the Mishnah, XVI. 505.
 MOEN, island, Denmark, VII. 80.
 MÆRIS, Lake, Egypt, VII. 709, 774.
 MOERO, Lake, Central Africa, I. 248; XXIV. 763.
 MÆSIA, ancient country, Eastern Europe, XVI. 542.
 MOFADDAL, Arabic commentator, XVI. 536.
 MOFETE, Le, lake, Italy, I. 778.
 MOFFAT, town, Scotland, XVI. 542; VII. 526.
 —, Robert, African missionary, XVI. 543.
 MOGADOR, town, Morocco, XVI. 543.
 MOGAHID, Saracen leader, XIX. 119.
 MOGHILEFF, government, Russia, XVI. 543; XXI. 69; town, on the Dnieper, Russia, XVI. 543.
 —, town, on the Dniester, Russia, XVI. 544; XIX. 254.
 MOGHISTAN, district, Persia, XVII. 856.
 MOGHTASILAH, Babylonian sect, XV. 482, 485.
 MOGILAS, Petrus, Russian metropolitan, XVI. 544.
 MOGUER, Spanish wine, XXIV. 607.
 MOGUL, Moghul, or Mughal, dynasty in India, III. 569; XII. 794.
 MOGULS, or Mughals, class of Mohammedans, India, XII. 746.
 MOHÁCS, town, Hungary, XVI. 544; battle of (1526), XII. 369; XXI. 17.
 MOHAIR, goat's hair, XVI. 544.
 MOHALLAB, Moslem general, XVI. 569, 572.
 MOHAMMED, Mahomet, or Muhammad, founder of Islam, XVI. 545; II. 257; in Mecca, XV. 670; tomb of, XV. 818.
 —, Moorish emir in Spain, XXII. 312.
 —, Seljuk ruler, XXI. 635.
 —, Turkish sultans. See Muhammad.

- MOHAMMED B. FARAJ, Moslem impostor, XVI. 585.
 — B. MANSUR, caliph, XVI. 580.
 — BEY, of Egypt, VII. 761.
 — GHORI, founder of Moslem power in Hindustan, XVII. 573.
 MOHAMMEDANISM, XVI. 545 (index, 606); XX. 360; XXII. 659; in relation to Manichæism, XV. 485; pilgrimages, XIX. 93; its attitude towards slavery, XXII. 143; theism of, XXIII. 240, 242; spread of, in Asia, II. 699; conquest of Egypt, VII. 749; invasion of Persia, XVIII. 615; caliphate acquired by sultan of Turkey, XXIII. 643; in China, V. 650; in Europe, VIII. 713; in India, XII. 746, 792; in Spain, XXII. 309; in Turkish empire, XXIII. 654.
 MOHAMMEDAN LIBRARIES, XIV. 514.
 MOHAMRAH, town, Persia, VIII. 671; XVIII. 620.
 MOHATRA BARGAIN, in casuistry, V. 204.
 MOHAWK, river, New York, U.S.A., XII. 331; XVII. 451.
 MOHEGANS, American-Indian tribe, XII. 831.
 MOHILLA, island, Comores, Africa, VI. 221.
 MOHL, Hugo von, on protoplasm, XIX. 828.
 —, Jules, German Orientalist, XVI. 607.
 MÖHLER, Johann Adam, German theologian, XVI. 607.
 MOHN, island, Russia, in Baltic, XIV. 723; XVII. 732.
 —, Henrik, on Norwegian Polar explorations, XIX. 323.
 MOHR, Karl Friedrich, German scientist, XVI. 707.
 MÖHRING, Paul H. G., on birds, XVIII. 5.
 MOHS, Friedrich, crystallographer, VI. 674.
 MOHTADI BILLAH, caliph, XVI. 586.
 MOIMIR, Slavonic chief, X. 480.
 MOIR, David Macbeth, Scottish poet and humorist, XVI. 608.
 —, George, Scottish critic, XVI. 608.
 MOIRA, Earl of, governor-general of India, XI. 517.
 MOISSAC, town, France, XVI. 608.
 MOISTURE, of the atmosphere, III. 32; life conditioned by, III. 680.
 MOJANGA, town, Madagascar, XV. 175.
 MOKADDASI, Arabic geographer, XVI. 608.
 MOKANDARRA, pass, India, XIV. 144.
 MOKANNA, Al-, the veiled prophet of Khorasan, XVI. 44, 580, 608.
 MOKATTAN, Egypt, Caliph Hakim's observatory at, XVII. 709.
 MOKHA, or Mocha, harbour, Red Sea, XVI. 540; XX. 316.
 MOKHTAR BEN ABI OBAID, Shiite chief, XVI. 568, 570.
 MOKSHA, race, Russia, XVI. 813.
 —, river, Russia, XVIII. 514.
 MOKSHAN, town, Russia, XVI. 608; XVIII. 515.
 MOKTADI BI-AMR-ILLAH, caliph, XVI. 588.
 MOKTADIR BILLAH, caliph, XVI. 586.
 MOKTAFI BILLAH, caliph, XVI. 586.
 MOKTAFI LI-AMR-ILLAH, caliph, XVI. 588.
 MOLA, town, Italy, XVI. 608.
 — GAETA (Formia), town, Italy, IX. 415.
 MOLAI, or Molay (*q.v.*), James de, XVI. 608.
 MOLASSES, from sugar, XXII. 626.
 — RUM, XXI. 58.
 MOLAY, Jacques de, grand-master of the Templars, XVI. 608; XXIII. 163, 164.
 MOLBECH, Christian, Danish lexicographer, VII. 93.
 MOLD, town, Wales, IX. 327.
 MOLDAU, river, Germany, VII. 825.
 MOLDAVIA, principality, Roumania, XXI. 18.
 MOLE, insectivorous mammal, XVI. 608; XV. 404.
 —, river, England, XXIII. 220.
 MOLÉ, Matthieu Louis, Count, French politician, IX. 620.
 —, Matthieu, French politician, VI. 246.
 MOLECH, Semitic divinity, XVI. 695.
 MOLE CRICKET, insect, VI. 578; XIII. 152; as wheat pest, XXIV. 534.
 MOLECULAR ACTIONS AND CHANGES, in physiology, XIX. 18.
 MOLECULAR MAGNETISM, Theory of, XV. 271, 276.
 MOLECULAR WEIGHTS, V. 471.
 MOLECULE, XVI. 610; III. 38; VII. 215.
 MOLESKIN, cotton fabric, XVI. 623.
 MOLESTATION, in law, XXIII. 500.
 MOLESWORTH, Sir William, philosophical and political writer, XVI. 623.
 MOLFETTA, town, Italy, XVI. 624.
 MOLGE, genus of reptiles, XXIII. 577.
 MOLGULIDÆ, family of Tunicata, XXIII. 617.
 MOLIERE (Jean Baptiste Poquelin), French dramatist, XVI. 624; VII. 425; IX. 658; as satirist, XXI. 319; his relations with Racine, XX. 204.
 MOLINA, Luis, Spanish Jesuit, XVI. 630.
 —, Maria de, regent of Castile, XXII. 319.
 —, Tirso de (G. Tellez), Spanish dramatist, XXIII. 157; VII. 421; XXII. 358.
 MOLINE, town, Illinois, U.S.A., XVI. 631.
 MOLINOS, Miguel de, Spanish quietist, XVI. 631; XVII. 134.
 MOLISE, province, Italy, XVI. 631.
 MOLITOR, Joseph Franz, German theosophist, XXIII. 279.
 MOLITZ, spa, France, XX. 128.
 MOLIVO, town, Lesbos, Asia Minor, XIV. 474.
 MOLLAH, Mohammedan ecclesiastic, XXII. 661, 664.
 MOLLENDON, town, Peru, XVIII. 674.
 MÖLLER'S SOLUTION, in taxidermy, XXIII. 90.
 MOLL FLANDERS, Defoe's work, VII. 29.
 MOLLINEUX, Émerie, globe constructor, X. 682.
 MOLLUSCA, division of animal kingdom, XVI. 632; II. 53; distribution of, VII. 279, 283; embryology, XX. 419; hibernation, XI. 789; histology, XII. 7; organs of touch in, XXIII. 478; reproduction of, XX. 409; in Lankester's classification, XXIV. 813.
 MOLLUSCOIDS, division of animal kingdom, IV. 188.
 MOLLUSCUM CONTAGIOSUM, skin disease, XXII. 121.
 MOLLY MAGUIRES, mining combination, Pennsylvania, U.S.A., XVIII. 504.
 MOLLY MAWK, bird, IX. 817; XV. 334.
 MOLOCH, Semitic divinity, XVI. 695.
 — CALLITHRIX, ape, II. 155.
 — HORRIDUS, species of lizards, XIV. 737.
 MOLOGA, town, Russia, XXIV. 731.
 MOLOKAI, island, Hawaiian group, Pacific, XI. 532.
 MOLOKOVA, spa, Eastern Siberia, XXIII. 510.
 MOLON, governor of Media, XVIII. 588.
 MOLOSSI, ancient Greek tribe, VIII. 483.
 MOLOSSUS, genus of bats, XV. 408, 413.
 MOLTKE, Count von, Prussian general, XXIV. 582.
 MOLUCCAS, islands, Indian Archipelago, XVI. 696; XII. 815; birds of, III. 740.
 MOLVA, genus of fishes, XIV. 668.
 MOLYBDENITE, mineral, XVI. 394; XVI. 697.
 MOLYBDENUM, chemical element, XVI. 697; V. 541.
 MOLYBDITE, mineral, XVI. 388.
 MOLYN, Pieter de, Dutch painter, VIII. 735.
 MOLYNEUX, William, friend of John Locke, XIV. 754; his plea for Irish independence, XIII. 269.
 MOLYSITE, mineral, XVI. 384.
 MOMBASA, or Mombas, town, East Africa, XVI. 697; mission near, I. 246.
 MOMENT, in mechanics, XV. 683, 700, 732; of inertia, XV. 732.
 MOMENTUM, in mechanics, XV. 677, 698, 715.
 MOMIAS BAY, Patagonia, XVIII. 352.
 MOMMSEN, Theodor, on the influence of the Jews in Rome, XIII. 430.
 MOMOTOMBO, mountain, Nicaragua, XVII. 477.
 MOMOTUS, genus of birds, XVII. 3.
 MOMPESON, Sir Giles, English monologist, XVI. 758.

- MONA (Anglesea), island, Wales, II. 30; XV. 453.
- MONACH, island, Scotland, its climate, VI. 5.
- MONACHA, genus of birds, XX. 101.
- MONACHISM, or Monasticism, XVI. 698 (list of foundations, 715); monastic libraries, XIV. 513.
- , British, Fosbroke's work, IX. 470.
- MONACO, principality, South Europe, XVI. 717.
- MONADIDEA, order of Protozoa, XIX. 856.
- MONADISM, atomic theory, III. 37.
- MONADNOCK, mountain, U.S.A., XXIII. 792.
- MONADS, Leibnitz's theory of, XIV. 421.
- MONAGHAN, county, Ireland, XVI. 718; representation, XXIII. 727; town, XVI. 718.
- MONALDESCHI, Giovanni, Christina of Sweden's treatment of, V. 703.
- MONA LISA, Leonardo's painting, XIV. 460.
- MONAMINES, in chemistry, V. 575.
- MONARCHIANISM, in early Christian theology, XVI. 718; XIII. 671; modalistic, of Noetus, XVII. 531.
- MONARCHY, Government by, XI. 11; early Roman, XX. 732.
- MONASTERIES, I. 10; suppression of, in England, VI. 606; VIII. 335, 375; XI. 664; in Old London, XIV. 844; Lamaist, Tibet, XIV. 499.
- MONASTICISM, XVI. 698; in England, VIII. 281, 286, 298, 304, 316; early Irish, XIII. 248; in Greek Church, XI. 159; St Jerome's defence of, XIII. 630.
- MONASTIC LIBRARIES, XIV. 513.
- MONASTIC VESTMENTS, VI. 463.
- MONASTIC VOW, XXIV. 301.
- MONASTIR, town, Roumelia, Turkey, XVI. 719; I. 448; plain, XV. 136.
- , town, Tunis, XXIII. 620.
- MONAXONA, order of sponges, XXII. 423.
- MONAXONIDA, tribe of sponges, XXII. 421.
- MONAZITE, mineral, XVI. 403.
- MONBODDO, Lord, Scottish judge and philosopher, XVI. 719; on evolution, VIII. 760.
- MONBUTTU, mountains, Soudan, Africa, XXII. 277.
- MONCADA, Francisco de, Spanish historian, XXII. 359.
- MONCAYO, Sierra de, Spain, XXIV. 769.
- MÖNCHEN-GLADBACH, town, Prussia, X. 631.
- MÖNCHGUT, district, Rügen, Prussia, XXI. 56.
- MÖNCHSBERG, mountain, Austria, XXI. 239.
- MONCRIEFF, Alexander, Scottish Seced-er, XXIII. 728.
- GUN, II. 557; carriage for, IX. 451; XI. 312.
- MONCTON, town, New Brunswick, XVI. 719; XVII. 375.
- MONDE, Le, Paris newspaper, XVII. 426.
- MONDEVILLE, Henri de, French surgeon, XXII. 675.
- MONDHIR, Moorish emir in Spain, XXII. 312.
- of Hira, invader of Syria, XVIII. 612.
- MONDINO of Bologna, father of modern anatomy, I. 805.
- MONDOÑEDO, town, Spain, XVI. 719.
- MONDOVI, town, Italy, XVI. 720.
- MONEMBASIA (Malvasia), ancient town, Greece, XV. 346.
- MONERA, division of Protozoa, II. 50.
- MONEY, XVI. 720 (table, 732); coinage of, XVI. 480; coined, XVII. 630; use of cowry-shells as, VI. 535; economic theories of, XIX. 356; earliest notices of, VI. 197; paper, in relation to exchange, VIII. 788; in relation to values, XXIV. 51; connexion of, with units of weight, XXIV. 482; Dudley North's paradoxes on, XVIII. 555.
- , Colonel, on the cultivation of tea, XXIII. 99.
- AND TRADE CONSIDERED, Law's work, XIV. 369.
- MONEY-ORDERS, Post-office, XIX. 572.
- MONFERRATO, Italian marquisate, XVI. 738.
- MONGE, Gaspard, French mathematician, XVI. 738; on the adherence of particles, V. 57.
- MONGHYR, district, India, XVI. 739; town, XVI. 740.
- MONGOLIA, country, Asia, II. 686; XVI. 749; in time of Marco Polo, XIX. 404.
- MONGOLIAN LANGUAGE, XVI. 749; XXIV. 1.
- MONGOLOID TYPE, of man, II. 113.
- MONGOLS, Asiatic people, XVI. 740; II. 696; XXIII. 70; affinities of, with the Turks, XXIII. 658; resemblances to ancient Mexicans, XVI. 207; conquests of, XIII. 620; religion of, XX. 363; in Western Asia, XVI. 588; in China, V. 646; in mediæval Europe, V. 132, 627; invasion of Europe by (1683), XIX. 296; invasion of Japan by, XIII. 583; in Russia, XXI. 79, 90; their overthrow of the Seljuks, XXI. 637; in Siberia, XXII. 8.
- MONGOOS, or Mungoos, carnivorous mammal, XII. 629; XV. 436.
- MONGREL, or Hybrid, XII. 422.
- MONICA, mother of St Augustine, III. 75.
- MONIES, Abbreviations for, I. 29.
- MONISM, in philosophy, XXIII. 234; Stoic doctrine, XXII. 563.
- MONITA SECRETA, of the Jesuits, XIII. 650.
- MONITEUR, Paris newspaper, XVII. 424.
- MONITION, in law, XVI. 751.
- MONITOR, lizard, XIV. 734.
- MONK, George, duke of Albemarle, English general, XVI. 751; XII. 80; in Scotland, XXI. 514.
- of Heilsbronn, German poet, XI. 624.
- MONKCHESTER (Newcastle), ancient town, England, XVII. 379.
- MONKEY-NUT, XI. 221.
- MONKEYS, or Apes, II. 151; XV. 444; man's relation to, II. 107; of South America, I. 681; skins of, IX. 838; Tibetan belief in descent from, XXIII. 343.
- MONK-FISH, XII. 686.
- MONKLANDS RAILWAY, Scotland, XX. 224.
- MONK LEWIS (Matthew G. Lewis), English writer, XIV. 493.
- MONKS, XVI. 698; I. 10, 22; their character in England, VIII. 373; their influence on education, VII. 672; vestments of, VI. 463; Lamaist, in Tibet, XIV. 500.
- MONKSHOOD, plant, I. 98.
- MONK'S RHUBARB, plant, VII. 310.
- MONKWEARMOUTH, suburb of Sunderland, England, XXII. 657.
- MON-LAM, Tibetan festival, XIV. 501.
- MONMOUTH, county, England, XVI. 753; representation, XXIII. 727; town, XVI. 754.
- , town, Illinois, U.S.A., XVI. 755.
- , James, duke of, XVI. 755; VIII. 350; in Scotland, XXI. 516; his relations with William of Orange, XXIV. 579.
- , Earl of (Charles Mordaunt), XVIII. 700.
- MONNIER, Maria Thérèse de, Mirabeau's correspondent Sophie, XVI. 493.
- MONOCHORD, musical instrument, XIX. 65.
- MONOCOTYLEDONOUS PLANTS, IV. 92.
- MONOCOTYLEDONS, subclass of plants, XXIV. 131.
- MONOCYSTIS AGILIS, species of Protozoa, XIX. 853.
- MONODELPHIA, subclass of Mammalia, XV. 372, 383.
- MONODON, genus of cetacean mammals, XV. 398; XVII. 235.
- MONOGENEA, division of trematode worms, XXIII. 539.
- MONOGENIST THEORY, of origin of races, II. 114.
- MONOLITH, prehistoric stone monument, II. 383; XXI. 51.
- MONOLOGION, of Anselm, II. 92.
- MONOMAKH, Vladimir, prince of Kieff, Russia, XXI. 89.
- MOJOMYA, order of Mollusca, XVI. 685.
- MONOPELTIS, genus of lacertilian reptiles, XX. 451.
- MONOPHYSITISM, in ancient church,

- VIII. 724; XI. 155; XIII. 538, 671; XIII. 796; Theodoret's, XXIII. 256.
- MONOPOLI, town, Italy, XVI. 757.
- MONOPOLY, MONOPOLIES, XVI. 757; in finance, IX. 179; in patents, XVIII. 354; evils of, in trade, II. 213.
- VALUES, in economics, XXIV. 48.
- MONOPYLÆA, order of Protozoa, XIX. 850.
- MONOSPOREA, order of Protozoa, XIX. 854.
- MONOSTEARIN, in chemistry, X. 697.
- MONOSTOMIDÆ, family of trematode worms, XXIII. 539.
- MONOTHEISM, XXIII. 235.
- MONOTHELITES, Christian sect, XVI. 758; XIII. 671; XX. 783; condemnation of, by Pope Martin I., XV. 582; St Maximus's opposition to, XV. 646.
- MONOTREMATA, order of Mammalia, VII. 628; XV. 377.
- MONOTROPEÆ, parasitic plants, XVIII. 264.
- MONRADITE, mineral, XVI. 414.
- MONREALE, town, Sicily, XVI. 758.
- MONRO, Alexander, Scottish surgeon, I. 814; XXII. 676.
- MONROE, town, Michigan, U.S.A., XVI. 761.
- , James, president of the United States, XVI. 760.
- DOCTRINE, in United States politics, XIII. 192; XVI. 761; XXIII. 762.
- MONROVIA, town, Liberia, West Africa, XIV. 508; I. 269.
- MONS, town, Belgium, XVI. 761.
- MONSCIA (Monza), town, Italy, XVI. 798.
- MONS MEG, cannon, at Edinburgh, II. 557.
- MONSOONS, periodical winds, XVI. 148; II. 690; XII. 821.
- MONS SACER, near Rome, XX. 736.
- MONSTER, XVI. 762; XV. 779.
- MONSTRELET, Enguerrand de, French chronicler, XVI. 766.
- MONTAGNARDS, party of the French Revolution, IX. 602.
- MONTAGNE NOIRE, mountain, Cevennes, France, XXIII. 65.
- MONTAGNES NOIRES, mountains, Morbihan, France, XVI. 813.
- MONTAGU, Edward, first earl of Sandwich, XXI. 261.
- , George, his ornithological dictionary, XVIII. 15, 17.
- , John, fourth earl of Sandwich, XXI. 261.
- , Lady Mary Wortley, English writer, XVI. 767.
- MONTAGUE, Charles, earl of Halifax, XI. 385; XIX. 743; his friendship for Newton, XVII. 445.
- MONTAIGNE, Michel de, French essayist, XVI. 767; IX. 654; on education, VII. 674; on scepticism, XXI. 382; his relations with Charron, v. 431.
- MONTALEMBERT, Charles Forbes de, French historian, XVI. 771; IX. 674; XIV. 239, 240; XVII. 426; his opposition to papal infallibility, XVII. 754.
- MONTALET, Pic de, mountain, France, XXIII. 65.
- MONTALVAN, Juan Perez de, Spanish dramatist, XVI. 772; VII. 421.
- MONTALVO, Garcí Ordoñez de, Spanish romancist, XXII. 355; XX. 655.
- MONTANA, Territory, U.S.A., XVI. 772; mines, XXIII. 815, 816.
- MONTAÑA DOTA, mountain range, Central America, VI. 449.
- MONTAÑES, Spanish sculptor, XXI. 567.
- MONTANISM, in early church, XVI. 774; v. 701; under Justinian, XIII. 796.
- MONTANITE, mineral, XVI. 403.
- MONTANUS, founder of Montanism, XVI. 775.
- (Giovanni de Monte), Italian physician, XV. 808, 809.
- MONTARGIS, town, France, XVI. 777.
- MONTASIR, callph, XVI. 585.
- MONTATAIRE, town, France, XVII. 749.
- MONTAUBAN, town, France, XVI. 778.
- MONTBEILLARD, Guénau de, on birds, XVIII. 6.
- MONTBÉLIARD, town, France, XVI. 778.
- MONTCALM, Marquis of, French general, XX. 167; XXIII. 735; XXIV. 630.
- MONTCORBIER, De (Francis Villon), French poet and adventurer, XXIV. 232.
- MONT DE PIÉTÉ, national pawnbroking office, Paris, XVIII. 283.
- MONT-DORÉ-LES-BAINS, town, France, XVI. 779; XX. 120; mineral water of, XVI. 435.
- MONTE, Gian Maria del (Pope Julius III.), XIII. 772.
- MONTABELLO, Italy, Battle of (1859), III. 138.
- , Jean Lannes, Duc de, French marshal, XIV. 289.
- MONTE CARLO, suburb of Monaco, XVI. 717.
- MONTE CASINO, or Cassino, Abbey of, Italy, XVI. 778; I. 11; III. 557; XXIII. 832; library, XIV. 513, 531.
- MONTE CHRISTO, Dumas's romance, VII. 522.
- MONTECORVINO, John, archbishop of Peking, v. 628; XVI. 742.
- MONTE CRISTO, island, Italy, XIII. 440.
- MONTECUCULI, Raimondo, count of, Austrian general, XVI. 778.
- MONTFELTRO, Federigo da, count of Urbino, XXIV. 9.
- , Guidubaldo, count of Urbino, XXIV. 9.
- MONTEGO BAY, Jamaica, XIII. 549.
- MONTELEONE of Apulia, town, Italy, XVI. 779.
- of Calabria, town, Italy, XVI. 779.
- MONTÉLIMAR, town, France, XVI. 779.
- MONTEM, procession, at Eton, England, VIII. 632.
- MONTEMAYOR, Jorge de, Spanish pastoral poet, XVIII. 346; XXII. 357.
- MONTENEGRO, country, Europe, XVI. 779; Greek Church of, XI. 158; literature of, XXI. 691.
- MONTERAN, Pierre de, Parisian architect, XVIII. 288.
- MONTÉREAU-FAUT-YONNE, town, France, XXI. 625.
- MONTEREGIO, Joh. de (Regiomontanus), German astronomer, XX. 341.
- MONTEREY, town, California, U.S.A., XVI. 781.
- , town, Mexico, XVI. 782, 214.
- MONTE SAN GIULIANO, town, Sicily, XVI. 782.
- MONTE SANT' ANGELO, town, Italy, XVI. 782.
- MONTESPA, Madame de, mistress of Louis XIV. of France, IX. 578; XV. 304.
- MONTESQUIEU, C. L. de Secondat, Baron de, French writer, XVI. 782; IX. 667; his economic teaching, XIX. 359; influence of his writings, IX. 592.
- MONTEVERDE, Claudio, Italian musical composer, XVI. 785; XVII. 86.
- MONTEVIDEO, town, Uruguay, South America, XVI. 786.
- MONTÉZUMA, emperor of ancient Mexico, VI. 441; XVI. 209.
- MONTFAUCON, Bernard de, French critic and scholar, XVI. 787.
- MONTFERRAT, or Monferrato, Italian marquise, XVI. 738.
- MONTFORT, Simon de, crusader, XVI. 787; IX. 541; XX. 322.
- , Simon de, political leader, XVI. 787; VIII. 310; XI. 658; XVIII. 304.
- MONTGOLFIER, Stephen and Joseph, discoverers of the balloon, I. 187.
- MONTGOMERIE, Alexander, early Scottish poet, XVI. 790; XXI. 542.
- , Archibald William, earl of Eglinton, VII. 699.
- MONTGOMERY, county, Wales, XVI. 788; representation, XXIII. 727; town, XVI. 789.
- , district, India, XVI. 789; XX. 109; town, XVI. 789.
- , town, Alabama, U.S.A., XVI. 790.
- , Alexander, Scottish poet, XVI. 790; XXI. 542.
- , Arnulph de, Welsh chief, XVIII. 482.
- , James, English poet, XVI. 790; hymns by, XII. 595.
- , Richard, American revolutionary general, XXIII. 790.
- , Robert, English poet, XVI. 790.
- , Roger de, earl of Shrewsbury, XXI. 845.
- MONTH, of the calendar, IV. 665; II. 800; XXIV. 791; sidereal, II. 774, 800.

- MONTHÉLON, Sainte de (Madame de Chantal), French religieuse, IX. 696.
- MONTHLY REVIEWS AND MAGAZINES, XVIII. 536, 537.
- MONTI, Vincenzo, Italian writer, XIII. 514.
- MONTICELLITE, mineral, XVI. 410.
- MONTICOLA, genus of birds, XXIII. 322.
- MONTIEL, Spain, Battle of (1369), XVIII. 451.
- MONTILLA, town, Spain, XVI. 790; wine of, XXIV. 607.
- MONTLEHÉRI, France, Battle of (1465), IX. 552.
- MONTLUC, Blaise de Lasseran-Massencôme, Seigneur de, French governor and writer, XVI. 791; IX. 653.
- MONTLUÇON, town, France, XVI. 791.
- MONTMARTRE, Heights of, Paris, XVIII. 274.
- MONTMIRAIL, France, Battle of (1814), XVII. 221.
- MONTMOR, Louis de, Tomb of, in Perpignan, France, XVIII. 556.
- MONTMORENCY, river, Canada, XX. 165; falls, XXI. 181.
- , distinguished French family, XVI. 791.
- , Anne, Duc de, constable of France, XVI. 791; IX. 557.
- BOUTTEVILLE, Duc de Luxembourg, French general, xv. 86.
- MONTMORILLONITE, mineral, XVI. 424.
- MONTMOROT, Salt mines of, France, XIV. 868.
- MONTOLIEU, Frédéric, explorer of Orinoco, South America, XVII. 844.
- MONTORO, town, Spain, XVI. 792.
- MONTPELIER, town, Vermont, U.S.A., XVI. 792.
- MONTPELLIER, town, France, XVI. 792; academy of sciences, I. 71; medical school, xv. 807; university, XXIII. 838.
- MONTPENSIER, Duchesse de, French princess, XVI. 792.
- MONTREAL, town, Canada, XVI. 793; XXI. 181; climate of, IV. 771; Victoria Bridge at, IV. 339; university, XXIII. 856.
- , Island of, Canada, XVI. 795; XX. 165.
- D'ABARNO, organizer of condottieri, VI. 256.
- MONTREAU-LES-MINES, town, France, XXI. 302.
- MONTREUIL, town, France, XVIII. 340; XXI. 624.
- MONTREUX, town, Switzerland, XXIV. 115.
- MONTROSE, town, Scotland, XVI. 795.
- , First Marquis of, XVI. 795; XXI. 513.
- MONTROUGE, Hill of, Paris, XVIII. 274.
- MONT ST MICHEL, islet, French coast, XVI. 796.
- MONTERRAT, island, West Indies, XVI. 797.
- , mountain, Spain, XVI. 797; monastery on, XVI. 797.
- MONTSOURIS, Paris, Observatory at, XVII. 712.
- MONTUCLA, Jean Etienne, French mathematician, XVI. 798; on Theodosius's spheres, XXIII. 260.
- MONUMENTAL EFFIGIES AND BRASSES, VII. 694.
- MONUMENTS, Rude stone, XXI. 50.
- MONUMENTUM ANCYRANUM, inscription at Angora, II. 45; XIII. 133.
- MON-YUL, district, Tibet, XXIII. 341.
- MONZA, town, Italy, XVI. 798; cathedral of, XXIII. 194.
- MONZON, Spain, Treaty of (1626), IX. 568.
- MOOLA, river, Baluchistan, III. 302.
- MOOLTAN, or Multan, district, India, XVII. 19; town, XVII. 20.
- MOON, The, XVI. 798; II. 774; elements of, II. 782; influence of, on atmospheric pressure, XVI. 124; calendar regulated by, IV. 668; longitude found from culminations of, XXIII. 395; Greek legends of, XI. 680; libration of, Mayer's observations on, xv. 649; light from, XVIII. 842; influence on terrestrial magnetism, XVI. 178; marine observations by means of, XVII. 269, 272; motion of, XI. 74; myths of, XVII. 157; nutation of, XVII. 260; parallax of, XVIII. 252; phases of, II. 797; evolution of, in relation to tides, XXIII. 378; influence of, on tides, XXIII. 353, 354, 356, 365, 368; zodiacal light of, XXIV. 797; Kant's discussions on, XIII. 847; Ptolemy's observations on, XX. 90.
- , New, Jewish festival, XXI. 125.
- MOON-DIAL, VII. 154.
- MOONGA, silkworm, XXII. 60.
- MOONSTONE, mineral, XVI. 419.
- MOOR, Captain W., Arctic explorer, XIX. 318.
- MOOR-BUZZARD, bird, XI. 491.
- MOORCROFT, William, English traveller, XVI. 803.
- MOORE, Edward, English dramatist, XVI. 803.
- , Francis, his almanac, I. 591.
- , Sir John, British general, XVI. 804; his campaign in Spain, XVII. 214; Wolfe's Lines on the Burial of, XXIV. 630.
- , John, Scottish traveller and novelist, XVI. 803.
- , Sir Jonas, his contributions to navigation, XVII. 256.
- , Thomas, Irish poet, XVI. 805.
- MOORFIELDS, London, XIV. 848.
- MOOR-FOWL, or Grouse, bird, XI. 222.
- MOOR-HEN, or Water-Hen, bird, XVI. 808.
- MOORING, of ships, XXI. 597.
- MOORING ANCHORS, II. 8.
- MOOR PARK, Hertfordshire, England, XI. 772.
- MOORS, race of people, Africa, I. 261; XVI. 834; in Spain, XXII. 309, 327, 330; expulsion of, from Spain, IX. 82.
- MOORSHEDABAD, or Murshidabad, district and town, India, XVII. 63.
- MOORSOM SYSTEM, of tonnage, XXIII. 442.
- MOORUK, bird, v. 186.
- MOOSE, deer, VII. 24.
- MOOSEHEAD, Lake, Maine, U.S.A., xv. 298.
- MOOSEHILLOCK, or Moosilauke, mountain, Appalachians, U.S.A., XXIII. 792.
- MOOSSEEDORF, lake-dwelling, Bern, Switzerland, XIV. 223.
- MOOT, early English council, XVIII. 302.
- MOOTS, law exercises, XIII. 88.
- MOPH (Memphis), town of Scripture, xv. 847.
- MOPLAS, race, India, XII. 746; xv. 185.
- MOQUEGUA, town, Peru, XVIII. 674.
- MOQUETTE CARPETS, v. 130.
- MOQUIS, American-Indian tribe, XII. 833.
- MORA, mountain, New Mexico, U.S.A., XVII. 399.
- , Albert de (Pope Gregory VIII.), XI. 178.
- MORADABAD, or Muradabad, district and town, India, XVII. 33.
- MORAINES, glacier debris, x. 281, 627.
- MORALEDA CHANNEL, Patagonia, XVIII. 352.
- MORALIA, Plutarch's, XIX. 233.
- MAGNA (Great Ethics), Aristotle's, II. 513.
- MORALITIES, or Moral Plays, VII. 413, 415; English, VIII. 416; early French, IX. 645.
- MORALITY, as affected by the Renaissance, XX. 387.
- MORAL PHILOSOPHY, or Ethics (*q.v.*), VIII. 574.
- MORALS, Science of, see Ethics; influence of Christianity on, v. 697.
- MORAL SENSE, or Conscience (*q.v.*), VIII. 600; Hutcheson on, XII. 409.
- MORAL SENTIMENTS, Theory of, Adam Smith's work, XXII. 169; VIII. 602.
- MORAL THEOLOGY, or Theological Ethics, XXIII. 275; Rothe on, XXI. 2; XXIII. 269.
- MORAL THEOLOGY, Liguori's work, XIV. 634.
- MORANT BAY INSURRECTION, Jamaica, XIII. 551.
- MORAR, Loch, Scotland, XIV. 217.
- MORAT, Switzerland, Battle of (1476), v. 425; IX. 764; XXII. 787.
- , Lake of, Switzerland, XIV. 220; XVII. 361; XXII. 777.
- MORATCHA, river, Montenegro, XVI. 780.

- MORATIN, Leandro Fernandez de, Spanish dramatist and poet, XVI. 809; XXII. 361.
- , Nicolas Fernandez de, Spanish poet, XVI. 809.
- MORAVA, river, Moravia, XVI. 810.
- , river, Serbia, XXI. 686.
- MORAVIA, crownland, Austria-Hungary, XVI. 810.
- MORAVIAN BRETHREN, society of Christians, XVI. 811; XXIV. 789; their missions, XVI. 516; Spangenberg's connexion with, XXII. 368; Zinzendorf's, XXIV. 789.
- MORAVIANS, Slavonic people of Europe, XXII. 145; Episcopal Church of the, VIII. 491.
- MORAY, or Murray, Earl of, regent of Scotland, XVII. 62; XXI. 503.
- MORAYSHIRE, or Elgin, county, Scotland, VIII. 129.
- MORBEGNO, town, Italy, XXIV. 45.
- MORBHANJ (Keunjhar), state, India, XIV. 54.
- MORBID ANATOMY, Study of, XV. 816.
- MORBIHAN, department, France, XVI. 812.
- MORCHELLA, genus of Fungi, XVII. 76.
- MORDANTS, in dyeing, VII. 573; in calico printing, IV. 686.
- MORDAUNT, Charles, earl of Peterborough, XVIII. 700.
- MORDECAI, of Scripture, VIII. 560.
- MORDVA, or Mordvinians, race, Russia, XVI. 813.
- MORDVINE LANGUAGES, Dictionaries of, VII. 188.
- MORDVINIANS, Ural-Altaic people, Russia, XVI. 813, 45.
- MORE, Ben, mountain, Perthshire, Scotland, XVIII. 666.
- , Sir Anthony, Dutch painter, XVI. 830.
- , Hannah, English writer, XVI. 814.
- , Henry, English philosopher, XVI. 814; XVII. 134; his ethical teaching, VIII. 597.
- , Margaret, daughter of Sir Thomas More, XVI. 819.
- , Sir Thomas, lord chancellor of England, XVI. 815; his execution, VIII. 335; XI. 664; on communism, VI. 212; as an English scholar, VIII. 414, 416; his hatred of Lutheranism, VIII. 374.
- MOREA, peninsula, Greece, XI. 81.
- MOREAU, Hégésippe, French poet, XVI. 819.
- , Jean Victor, French general, XVI. 820; III. 130; his rivalry with Napoleon, XVII. 202, 204; his death, XVII. 220.
- MOREH HANNEBOKIM, of Maimonides, XV. 296.
- MOREL, edible fungus, XVII. 76.
- (Eustache Deschamps), French poet, VII. 128.
- MORELIA, town, Mexico, XVI. 820, 214.
- MORELLET, André, French political economist, XVI. 821.
- MORELOS, state, Mexico, XVI. 214.
- , José Maria, Mexican leader, XVI. 219.
- MORENA, fish, XVII. 34.
- , Sierra, Spain, XXII. 294.
- MORENO, Gabriel, Peruvian botanist, XVIII. 675.
- MORENOSITE, mineral, XVI. 401.
- MORÉRI, Louis, his *Grand Dictionnaire Historique*, VIII. 194.
- MORESBY ISLAND, British Columbia, XX. 170.
- MORESQUE, in decoration, II. 234.
- MORETO, Augustin, Spanish dramatist, XVI. 821; VII. 422; XXII. 359.
- MORETON BAY, Queensland, Australia, XX. 171.
- MORETTO, Il (Alessandro Bonvicino), Italian painter, XXI. 436.
- MORETUS, Flemish printer, XIX. 177.
- MORGAGNI, Giovanni Battista, Italian anatomist, XVI. 821; I. 813; XV. 813.
- MORGAN, Edwin D., American politician, XXIII. 790.
- , Henry, buccaneer, IV. 409.
- , Sydney Owenson, Lady, English novelist and critic, XVI. 823.
- , Thomas, on deism, VII. 35.
- , Mount, gold-mines, Queensland, XX. 173.
- MORGANA, Legend of, V. 325.
- MORGANATIC MARRIAGE, XV. 569.
- MORGAN LOAN, of France, XVII. 244.
- MORGARTEN, Switzerland, Battles of (1315, 1798), XXII. 783, 793.
- MORGES, lake-dwelling, Geneva, XIV. 223.
- MORGHEN, Raffaello Sanzio, Italian engraver, XVI. 824.
- MORGUES, deadhouses, V. 331.
- MORHOF, Daniel Georg, German writer, XVI. 824.
- MORIAH, Mount, Jerusalem, XVI. 824.
- MORICONI, Pietro, archbishop, and Pisan admiral, XIX. 119.
- MORIER, James, English traveller and Oriental writer, XVI. 824.
- MORILLON, bird, XVI. 824.
- MORIMO, divinity of the Bechuanas, III. 478.
- MORIMOND, France, Abbey of, V. 793.
- MORIN, or Morinus, Jean, French Catholic theologian, XVI. 824.
- MORIORIS, tribe, Chatham Islands, Pacific, V. 444.
- MORISCOES, or Moors, in Spain, XXII. 326, 330.
- MORISON, Robert, his classification of plants, IV. 79.
- MORISONIANS, Scottish religious sect, VIII. 726.
- MÖRK, Jakob Henrik, Swedish novelist, XXII. 756.
- MÖRL, Maria von, Stigmata of, XXII. 550.
- MORLACHS, Vlach people, Dalmatia, XXIV. 270.
- MORLAIX, town, France, XVI. 825.
- MORLAND, George, English painter, XVI. 825.
- , Samuel, on plant reproduction, IV. 82.
- MORMAER, ancient Scottish title, XV. 524.
- MORMONS, religious sect, XVI. 825; Mormonism, XVI. 828; XXI. 235; XXIV. 21.
- MORMOPS, genus of bats, XV. 414.
- MORNAY, Philippe de, French Protestant writer, XVI. 628.
- MORNING ADVERTISER, London newspaper, XVII. 419.
- MORNING CHRONICLE, London newspaper, XVII. 417.
- MORNING POST, London newspaper, XVII. 417.
- MORNY, Duc de, French politician, XVI. 829.
- MORO, Attoni, Dutch painter, XVI. 830; XXI. 439.
- MOROCCO, country, North Africa, XVI. 830; I. 265; Jews in, XIII. 687; weights and measures of, XXIV. 490.
- , town, North Africa, XVI. 835.
- LEATHER, XIV. 388.
- MOROCCOCHITE, mineral, XVI. 394.
- MORON, or Moron de la Frontera, town, Spain, XVI. 836; XXI. 708.
- MORONE, Pietro di (Pope Celestine V.), V. 291.
- MORONI, Giambattista, Italian painter, XVI. 836; XXI. 436.
- MOROSINI, Venetian noble family, XVI. 836.
- , Francesco, doge of Venice and admiral, XVI. 837; XI. 121; XIII. 484; XXIV. 147.
- MOROTAI, island, Indian Archipelago, XIII. 692.
- MORPETH, town, England, XVI. 837.
- , Lord (seventh earl of Carlisle), English statesman, V. 110.
- MORPHEUS, in Latin mythology, XVI. 837.
- MORPHIA, narcotic drug, XVII. 231, 792.
- MORPHOGRAPHY, in zoology, XXIV. 803.
- MORPHOLOGY, science of organic form, XVI. 837; III. 681; XX. 420; in relation to evolution, VIII. 750; to physiology, XIX. 8; of Protozoa, XIX. 832; of Schizomycetes, XXI. 401.
- MORPHY, Paul, American chess-player, V. 602.
- MORRICE-DANCE, XVI. 846.
- MORRIN COLLEGE, Quebec, Canada, XX. 169.
- MORRIS, Robert, American statesman, XVI. 846.
- William, English artistic designer, XXIII. 213.

- MORRISANIA, suburb of New York, xvii. 458.
- MORRIS-DANCE, xvi. 846.
- MORRISON, John, paraphrases and hymns by, xii. 593.
- , Robert, missionary to China, xvi. 846.
- , Mount, Formosa, ix. 415.
- OBSERVATORY, Glasgow, Missouri, U.S.A., xvii. 715.
- MORRISTOWN, town, New Jersey, U.S.A., xvi. 847.
- MORRONE, Monte, Italy, Monastery of, xxii. 634.
- MORSE, walrus, xv. 443; xxiv. 337.
- , Samuel Finley Breese, American inventor, xvi. 847; his contributions to telegraphy, xxiii. 113, 119.
- MORSHANSK, town, Russia, xvi. 848; xxiii. 41.
- MORSZTYN, Count Andrew, Polish courtier and poet, xix. 290, 302.
- MORTALITY, in hospitals, xii. 302; by suicide, xxii. 629; tables of, for insurance purposes, xiii. 169. See also Longevity.
- , Bills of, xxii. 462.
- MORTAR, of lime, xiv. 647; making of, iv. 460; Roman, xx. 808, 809.
- , gun, xi. 306.
- MORTARIUM, Roman dish, xix. 619.
- MORTE D'ARTHUR, romance, xx. 642; Malory's, x. 173; xv. 337.
- MORTEIRA, Saul Levi, Dutch rabbi, xxii. 400.
- MORTGAGE, in law, xvi. 848; xxiii. 596; on land, xiv. 265, 270; in Roman law, xx. 690; Welsh, iv. 254.
- MORTIFICATION, or Gangrene, xvi. 849; treatment of, xxii. 683.
- MORTIMER, John, on the Art of Husbandry, i. 299.
- , Roger, earl of March, viii. 320, 327.
- , Roger, courtier of Edward II.'s and III.'s reigns, vii. 683.
- MORTLAKE, Surrey, England, Tapestry manufacture at, xxiii. 213.
- MORTMAIN, Statutes of, xvi. 849; v. 401; viii. 373; xxiii. 596; as applied to corporations, vi. 433.
- MORTO DA FELTRE, Italian painter, ix. 69.
- MORTON, Fourth Earl of, regent of Scotland, xvi. 849; xiii. 558; xxi. 506.
- , Oliver P., American politician, xxiii. 790.
- , Samuel George, on the American races, i. 686.
- MORU, temple, at Lhasa, Tibet, xiv. 499.
- MORULA, in animal development, ii. 51; viii. 746.
- MORUS, genus of trees, xvii. 13.
- , Alexander, Milton's answer to, xvi. 333.
- MORVAN, district, France, xvii. 496.
- MORVEAU, Baron Guyton de, French chemist, xi. 343; v. 466.
- MORVENITE, mineral, xvi. 423.
- MORZUK, or Murzuk, oasis and town, Sahara, Africa, xvii. 695; xxi. 150.
- MOSAIC, tessellated work, xvi. 849; xiii. 81; ancient, ii. 367; in Monreale cathedral, xvi. 759; in Ravenese churches, xx. 296.
- LAW, Philo's exposition of the, xviii. 763.
- MOSAISM, religion of Israel, xiii. 399; xx. 361.
- MOSAMBIQUE SUBREGION, of birds, iii. 759.
- MOSANDRITE, mineral, xvi. 426.
- MOSANDRIUM, Spectrum of, xxii. 377.
- MOSASAURUS, genus of fossil reptiles, i. 679; xx. 445.
- MOSCHA (Muscat), ancient town, Arabia, xvii. 64.
- MOSCHELES, Ignaz, Austrian pianist, xvi. 855.
- MOSCHEROSCH, Johann Michael, German satirist, x. 531.
- MOSCHOPOLIS, town, Epirus, xxiv. 270.
- MOSCHUS, genus of deer, xv. 430, 432; xvii. 107.
- of Syracuse, Greek poet, xvi. 855.
- MOSCOW, government, Russia, xvi. 855; xxi. 69.
- , town, Russia, xvi. 856; xxi. 70; founding of, xxi. 90; burning of (1812), ix. 616; xvii. 217; great bell of, iii. 539; libraries, xiv. 533, 549; newspapers, xvii. 430; observatory, xvii. 714; university, xxiii. 852.
- MOSELEKATZE, Zulu chief, Transvaal, xxiii. 518; xxiv. 828.
- MOSELLE, river, Rhenish Prussia, xx. 20; in France, xx. 519.
- WINES, xxiv. 611.
- MOSER, Johan Jakob, German jurist, xvi. 860.
- , Mary, Swiss artist, xiv. 16.
- MÖSER, Justus, German historian and economist, x. 535; xviii. 56; xix. 364.
- MOSES, of Scripture, xvi. 860; xiii. 397; as prophet, xix. 816.
- , Apocalypse of, ii. 177. See also ii. 176.
- , Assumption of, apocalyptic book, ii. 177.
- of Aggel, Syriac writer, xxii. 836.
- of Chorene, Armenian historian, xvi. 861; ii. 550, 551.
- BAR KEPHA, Syriac writer, xxii. 846.
- MOSES'S PRINCIPIA, Hutchinson's work, xii. 411.
- MOSHEH, rabbi, Talmudist, xxiii. 39.
- , rabbi of Leon, Kabbalistic writer, xvi. 286.
- MOSHEIM, Johann Lorenz von, German church historian, xvi. 863; v. 765.
- MOSKEN, island, Norway, xiv. 769; xxiv. 542.
- MOSKENÆS, island, Norway, xiv. 769; xxiv. 542.
- MOSKENSTRÖM, tidal current, Norway, xxiv. 542.
- MOSKOWA, Prince de la (Marshal Ney), French general, xvii. 472.
- MOSLEM RELIGION, or Mohammedanism (*q.v.*), xvi. 545.
- MOSLIM, Abu, Abbasid general, xvi. 576, 578.
- BEN OKBA, Moslem general, xvi. 568.
- MOSOS, Tibetan tribe, xxiii. 344.
- MOSQUE, Mohammedan place of worship, xvi. 863; architecture of, ii. 446; mural decorations in, xvii. 35; mosques at Baghdad, iii. 232; at Bijapur, India, iii. 669; at Constantinople, vi. 305; the Great, at Damascus, vi. 791; at Herat, xi. 714; at Kairwan, Tunis, xiii. 824; the Great, at Mecca, xv. 672, 674; of Mohammed, at Medina, xv. 819.
- MOSQUITO, insect, xvi. 866; x. 700; xiii. 150; as a propagator of disease, xviii. 271.
- RESERVE (or COAST), Nicaragua, xvii. 479.
- MOSRIF, Moslem general, xvi. 568.
- MOSS-AGATE, mineral, i. 278; xvi. 389.
- MOSSAMEDES, government, West Africa, iii. 572.
- MOSSBUNKER, fish, xvi. 10.
- MOSESSES, group of plants, xvi. 70; xxiv. 128; reproduction in, iv. 161; xx. 423; herbarium for, xi. 718.
- MOSSLEY, town, England, xvi. 867.
- MOSSO, his observations on sleep, xxii. 155.
- MOSTADI BI-AMR-ILLAH, caliph, xvi. 588.
- MOSTAIN BILLAH, caliph, xvi. 585.
- MOSTAKFI BILLAH, caliph, xvi. 587.
- MOSTANJID BILLAH, caliph, xvi. 588.
- MOSTANSIR BILLAH, caliph, xvi. 588.
- MOSTAR, town, Herzegovina, xvi. 867.
- MOSTARSHID BILLAH, caliph, xvi. 588.
- MOSTASIM BILLAH, caliph, xvi. 588.
- MOSTAZHIR BILLAH, caliph, xvi. 588.
- MOSUL, town, Mesopotamia, xvi. 868.
- MOTACILLA, genus of birds, xiv. 82; xvii. 499; xviii. 53; xxiv. 316, 366.
- MOTADID BILLAH, caliph, xvi. 586.
- MOTAGUA, river, Guatemala, xi. 239.
- MOTAMID ALA LLAH, caliph, xvi. 586.
- MOTANABBI, Arabic poet, xvii. 1; xvi. 595.
- MOTANE, island, Marquesas, Pacific, xv. 564.
- MOTASIM BILLAH, caliph, xvi. 584.
- MOTAWAKKIL, caliph, xvi. 585.
- , Moorish leader, in Spain, xxii. 317.

- MOTAZILITES, Moslem sect, XVI. 576, 592.
- MOTAZZ BILLAH, caliph, XVI. 586.
- MOTENEBBI, or Motanabbi, Arabic poet, XVII. 1; XVI. 595.
- MOTET, in music, XVII. 82.
- MOTEUCZOMA (Montezuma), king of ancient Mexico, VI. 441; XVI. 209.
- MOTHE, Marquis de la, French diplomatist, IX. 72.
- MOTHER CAREY'S CHICKENS, birds, XVIII. 712.
- MOTHER HUBBARD'S TALE, Spenser's poem, XXII. 395.
- MOTHER-OF-PEARL, shell, XVII. 1; fishery, XVIII. 447.
- MOTHERWELL, town, Scotland, XVII. 2.
- , William, Scottish poet, XVII. 2.
- MOTHS, insects, IV. 592; XIII. 151; silk-worm moths, XXII. 57.
- MO TI, Chinese philosopher, XVI. 4.
- MOTI LILLAH, caliph, XVI. 587.
- MOTI MASJID, mosque, Agra, India, I. 286.
- MOTION, in applied mechanics, XV. 752; in relation to energy, VIII. 207; laws of, XV. 701, 715, 746; science of matter in, XV. 676; Trendelenburg's philosophical theory of, XXIII. 543; Zeno's theory, XXIV. 778.
- , Animal, IX. 308.
- , Perpetual, XVIII. 553.
- MOTLEY, John Lothrop, American historian, XVII. 2; I. 724.
- MOTMOT, bird, XVII. 3.
- MOTOR MACHINE, Electric, XXIII. 496, 508.
- MOTORS, people, Russia, XXI. 251.
- MOTRIL, town, Spain, XVII. 4.
- MOTT, Valentine, American surgeon, XVII. 4.
- MOTTAKI LILLAH, caliph, XVI. 587.
- MOTTE, La, mountain, Utah, U.S.A., XXIV. 19.
- MOTTE-FOUQUÉ, Baron de la, German writer, IX. 486.
- MOTTEUX, Peter, English journalist, XVIII. 537.
- MOTTEVILLE, Madame de, French courtier and authoress, XVII. 4; IX. 660.
- MOTTO, in heraldry, XI. 710.
- MOTTRAMITE, mineral, XVI. 406.
- MOTYA, ancient stronghold, Sicily, XV. 571.
- MOTYCA (Modica), ancient town, Sicily, XVI. 542.
- MOUCHY, Maréchal de (Philippe de Noailles), French general, XVII. 523.
- MOUFFLON, kind of sheep, XXI. 784; XXIII. 635.
- MOUKDEN, town, Manchuria, V. 641; XV. 466.
- MOULDING, in architecture, II. 467; in joinery, IV. 487; Greek, II. 408; Roman, II. 418.
- MOULDS, for castings, IX. 480.
- MOULE, Henry, his Manure for the Million, I. 349.
- MOULIN, Peter du, French Presbyterian divine, XVI. 333.
- MOULINS, in glaciers, X. 627.
- , town, France, XVII. 4.
- MOULMEIN (Maulmain), town, British Burmah, XV. 635.
- MOULSEY, East, town, England, XXII. 694.
- MOULT, of birds, III. 775.
- MOULTRIE, John, poet pastor of Rugby, XXI. 56.
- MOUNDS, Animal, of Wisconsin, XXIV. 618.
- AND MOUND-BUILDERS, of North America, III. 399.
- MOUNTAIN, The, French Revolutionist party, IX. 602.
- ARTILLERY, II. 662.
- LEATHER, mineral, XVI. 418.
- PAPER, mineral, XVI. 418.
- RANGES, Élie de Beaumont's theory of, VIII. 134.
- MOUNTAINS, XVII. 4; X. 370; arrangement of, in ranges, I. 623.
- MOUNTED INFANTRY, Tactical management of, XXIV. 358.
- MOUNTJOY, Lord, lord lieutenant of Ireland, XIII. 265.
- MOUNTMELICK, town, Ireland, XX. 171.
- MOUNTRATH, town, Ireland, XX. 171.
- MOUNT VERNON, town, Ohio, U.S.A., XVII. 4.
- MOUNT VERNON, Virginia, U.S.A., Washington's residence, XXIV. 388.
- MOURILLON, arsenal, Toulon, France, XXIII. 484.
- MOURNE MOUNTAINS, Ireland, VII. 382.
- MOURROUS, mountain, France, XX. 126.
- MOURZUK, or Murzuk, town, Fezzan, Africa, IX. 130; XXIII. 575.
- MOUSE, rodent mammal, XVII. 5; XV. 419; red field, XXIV. 277.
- , Jumping, of Labrador, XIII. 626.
- MOUSE-BIRD, XVII. 6.
- MOUSTIERS, Basses-Alpes, France, Pottery ware of, XIX. 630.
- MOUTAN PÆONY, plant, XVIII. 132.
- MOUTH, Anatomy of the, I. 837; VII. 221; of fishes, XII. 636, 654; of mammals, XV. 361.
- MOUTIERS, town, Savoie, France, XXI. 332.
- MOUTON (Jean de Lorraine), musician, XVII. 85.
- MOVABLE PROPERTY, in Roman law, XX. 673; in Scots law, XVIII. 665; personal estate, XVIII. 664.
- MOVERS, Franz Karl, German Orientalist, XVII. 7; on the Pentateuch, XVIII. 506.
- MOWATTA, book of Moslem traditions, XVI. 594.
- MOWING MACHINE, agricultural implement, I. 323.
- MOW RUNIPORE (Mau Ranipur), town, India, XV. 636.
- MOXUENE, ancient district, Asia, XIV. 159.
- MOY, river, Ireland, XV. 650; XXII. 159.
- MOY'S AERIAL STEAMER, IX. 323.
- MOYUNE, green tea, China, V. 635.
- MOZABITES, people of Algeria, I. 564.
- MOZAMBIQUE, province and island, East Africa, XVII. 7; I. 270; languages of, XXIV. 828; opium cultivation of, XVII. 792.
- MOZARAB, name applied to Christian communities in Arab Spain, XVII. 8.
- MOZARABIC BREVIARY, Hymns of the, XII. 582.
- MOZART, Leopold, German violinist, XVII. 8.
- , Wolfgang Amadeus, German composer, XVII. 8; as symphonist, XVII. 96; Clementi's contest with, V. 824.
- MOZDOK, town, Russian Caucasus, XVII. 11; XXIII. 186.
- MOZLEY, James Bowling, English theologian, XVII. 12.
- MOZUFFERNUGGER, district and town, India, XVII. 114.
- MOZUFFERPORE, district and town, India, XVII. 114.
- MOZYR, town, Russia, XVI. 479.
- MRS CAUDLE'S CURTAIN LECTURES, Jerrold's work, XIII. 633.
- MRS VEAL, Defoe's book, VII. 28, 468.
- MSTINO, lake, Russia, XXIII. 672.
- MTESA, king of Uganda, Africa, XXIII. 718.
- MTSENSK, town, Russia, XVII. 12, 826.
- MTZHET, town, Transcaucasia, Russia, XXIII. 514.
- MUANDA, town, Loango, Africa, XIV. 743.
- MUAWWIYAH, or Moawiya, Arab governor of Syria, II. 258; XVI. 563, 564.
- MUÇA B. NOSAIR, Moslem general, XVI. 572.
- MUCH ADO ABOUT NOTHING, Shakespeare's play, XXI. 764.
- MUCH WENLOCK, town, England, XXIV. 501.
- MUCILAGE, viscid substance, XVII. 12; XI. 276.
- MUCKROSS ABBEY, Kerry, Ireland, XIV. 52, 76.
- MUCORINI, suborder of Fungi, IX. 830.
- MUCOUS GLANDS, of the mouth, VII. 222.
- MUCOUS MEMBRANE, I. 847; XVII. 668; catarrhal diseases of, XVIII. 378.
- MUCOUS SARCOMA, disease, XVIII. 369.
- MUDAR GUM, XI. 339.

MUDDIMAN, Henry, English news-book writer, XVII. 414.
 MUD-FISH, XII. 688.
 MUD MITE, arachnid, XVI. 528.
 MUDROS, town, Lemnos, Turkey, XIV. 436.
 MUDSTONE, mineral, X. 237.
 MUD VOLCANOES, X. 250.
 MUFFAT, Georg, German musician, XVII. 90.
 MUFFLE FURNACE, IX. 842.
 MUFFLON, kind of sheep, XXI. 784; XXIII. 635.
 MUFTI, Grand, high-priest of Islam, XXII. 661.
 MUGA, silkworm, XXII. 60.
 MUGETO (Mogahid), Saracen leader, XIX. 119.
 MUGGLETON, Lodowick, English sectary, XVII. 12.
 MUGHAL (Mogul), dynasty in India, XII. 794; III. 569.
 MUGHALS (Moguls), class of Moham-medans, in India, XII. 746.
 MUGHLA, town, Asia Minor, v. 103.
 MUGIL, genus of fishes, XVII. 18.
 MUG NUADAT, Irish king, XIII. 246.
 MUGOJAR HILLS, Russia, XXIII. 627; XXIV. 4.
 MUHAMMAD, shah of Khwarizm, XIII. 621.
 —, shah of Persia, XVIII. 649.
 — I., Turkish sultan, XXIII. 641.
 — II., Turkish sultan, XXIII. 642, 656.
 — III., Turkish sultan, XXIII. 644.
 — IV., Turkish sultan, XXIII. 645.
 MÜHLECK, Barbara von, wife of Kepler, XIV. 45.
 MUHLENBERG, William A., American hymn-writer, XII. 596.
 MÜHLHAUSEN, town, Prussia, XVII. 12; XXI. 360.
 MUILREA, mountain, Ireland, XV. 650.
 MUIR, John, Scottish Orientalist, XVII. 13.
 MUIRCERTACH, Irish king, XIII. 254.
 MUKAMA, town, India, XVIII. 409.
 MUKHTARI, Persian writer, XVIII. 657.
 MUKSU, river, Western Asia, XVIII. 103.
 MULA, town, Spain, XVII. 13; mineral spring of, XVII. 51.
 MULAHACEN, Cerro de, mountain, Spain, XXII. 294.
 MULAIR KOTELAH (Maler Kotla), state, India, XV. 332.
 MULATTO, issue of white and Negro parents, XVII. 319.
 MULBERRY, tree, XVII. 13; XII. 272; leaves as food for silkworms, XXII. 58.
 MULE, offspring of horse and ass, XVII. 13; XII. 175.
 —, spinning machine, for cotton, VI. 496; for wool, XXIV. 659.
 MULE-POWER, in mechanics, XV. 772.
 MULEY SAW, XXI. 344.

MULGE, Assyrian divinity, III. 193.
 MULGRAVE ARCHIPELAGO, or Eastern Carolines, Pacific Ocean, v. 126.
 MULGRAVE CASTLE, Yorkshire, England, XXIV. 749.
 MÜLHAUSEN, town, German Alsace, XVII. 15.
 MÜLHEIM-AM-RHEIN, town, Prussia, XVII. 16.
 MÜLHEIM-AN-DER-RUHR, town, Prussia, XVII. 16.
 MULITA, edentate mammal, XV. 388.
 MULL, island, Scotland, XVII. 16.
 MÜLLER, Adam, German economist, XIX. 388.
 —, Ferdinand Baron von, on the plants of Australia, III. 110, 111.
 —, Friedrich Max, on the science of religion, XX. 359, 365; his theory of mythology, XVII. 137.
 —, Fritz, on zoological classification, XXIV. 811.
 —, George, Plymouthist, XIX. 239.
 —, Heinrich, German Pietist, XIX. 83.
 —, Johann (Regiomontanus), German astronomer, XX. 341; II. 751.
 —, Johann von, Swiss historian, XVII. 16; XXII. 798.
 —, Johannes, German physiologist and naturalist, XVII. 17; XXI. 460; XXIV. 808; on birds, XVIII. 28; on fishes, XII. 634; on reptiles, XX. 437, 440.
 —, Johannes, pharmacist and chemist, XVII. 17.
 —, Johann Heinrich Jakob, his experiments in magnetism, XV. 253.
 —, John, English mathematician, XVII. 17.
 —, Karl Otfried, German writer on ancient Greece, XVII. 17.
 —, O. F., German naturalist, XXIV. 806.
 —, P. L. S., on birds, XVIII. 7.
 —, William James, English painter, XVII. 17.
 MÜLLER'S GLASS, mineral, XVI. 390.
 MULLET, fish, XVII. 18; grey, XII. 691.
 —, in heraldry, XI. 703.
 MULLINGAR, town, Ireland, XVII. 18; XXIV. 513.
 MULLION, in architecture, II. 468.
 MULL OF GALLOWAY, Scotland, XXIV. 562.
 MULLUS, genus of fishes, XVII. 18.
 MULMUL, woven fabric, XVII. 109.
 MULREA, mountain, Ireland, XIII. 214.
 MULREADY, William, Irish painter, XVII. 19.
 MULTAN, district, India, XVII. 19; town, XVII. 20.
 MULTIPLE, in arithmetic, II. 528.
 MULTIPLEPOINDING, in Scots law, XVII. 20.
 MULTIPLE TELEGRAPHY, XXIII. 124.
 MULTIPLICATION, in algebra, I. 520; in arithmetic, II. 527; tables, XXIII. 8; Herwart's table, XVII. 183.

MULUCHA, or Muluya, river, North-West Africa, XV. 636; XVI. 830, 832.
 MUMBA MULYAKA, Arab apostle, Laccadives, XIV. 183.
 MUMMIUS, Roman general, XXII. 306.
 MUMMY, XVII. 20; embalming of, VIII. 158; Egyptian, VII. 722; IX. 826; Phœnician, XVIII. 810.
 — FIGURES, on pottery, XIX. 603.
 — WHEAT, XXIV. 533.
 MUMPS, disease, XVII. 22.
 MUN, Thomas, English economist, XIX. 357.
 MUNBY, English idyl-writer, XVIII. 348.
 MUNCH, Andreas, Norwegian poet, XVII. 591.
 —, Peter Andreas, Norwegian historian, XVII. 592.
 MUNCHAUSEN, Baron, German storyteller, XVII. 23.
 MÜNCHAUSEN, Baron, curator of Göttingen university, XXIII. 847, 850.
 MÜNCHEN (Munich, *q.v.*), capital of Bavaria, XVII. 24.
 MUNCIE, town, Indiana, U.S.A., XVII. 23.
 MUNDAY, Anthony, English dramatist, XVII. 23.
 MUNDBRIECH, Cinque Port privilege, v. 787.
 MUNDIC (Marcasite), mineral, XV. 532; XX. 128.
 MUNDLAH (Mandla), town, India, XV. 476.
 MUNDORF, watering-place, Luxemburg, XV. 87.
 MUNDU, town, Java, XIII. 606.
 MUNGIR, district and town, India, XVI. 739.
 MUNGO, St (Kentigern), Celtic missionary, XIV. 40.
 —, cloth made from rags, XXIV. 661.
 MUNGOFA, or Gopher, tortoise, X. 780.
 MUNGOOS, carnivorous mammal, XII. 629; XV. 436.
 MUNI BTSAN-PO, Tibetan king, XXIII. 345.
 MUNICH, capital of Bavaria, XVII. 24; academy of sciences, I. 71; revival of art in, VI. 422; art treasures of, XIV. 16; libraries, XIV. 526, 547; observatory, XVII. 713; Pinakothek picture gallery, XXI. 445; Rubens's picture in gallery, XXI. 44; technical school, XXIII. 109; university, XXIII. 848; congress of Old Catholics at (1871), XVII. 755.
 MUNICIPAL CORPORATIONS, VI. 435.
 MUNICIPAL ELECTIONS, English law of, VIII. 2.
 MUNICIPALITY, XVII. 27; rise of municipalities, IV. 62.
 MUNICIPIA, Roman, XX. 740, 745.
 MUNIMENTS, National, of England, XX. 310.

- MUNIPORE (Manipur), state, India, xv. 489.
- MUNKU-SARDYK, mountain, Siberia, xxii. 3.
- MUNNARGUDI, town, India, xxiii. 47.
- MUNOTH, Castle of, Schaffhausen, Switzerland, xxi. 387.
- MUNSTER, province, Ireland, xiii. 215.
- , early Irish kingdom, xiii. 245.
- , Book of, Irish legends, v. 309.
- MÜNSTER, town, Prussia, xvii. 31; congress of (1643), iii. 268; Anabaptist outbreak at, i. 786.
- , Sebastian, German Hebraist, geographer, and mathematician, xvii. 31.
- MUNTAK, town, Banca, East Indies, iii. 308.
- MUNTANER, Ramon, Catalan writer, xxii. 363.
- MUNTASIR, Samanid prince and poet, xxi. 242.
- MUNTJAK, or Mintjac, deer, xvii. 31; vii. 25; xiii. 602; xv. 432.
- MUNTZ METAL, Strength of, xxii. 603.
- MÜNZER, Thomas, German Anabaptist, xvii. 32; i. 786; iii. 353; xv. 76; xvii. 12, 134.
- MUNZINGER, Werner, Swiss traveller in Africa, xvii. 33.
- MUR, river, Styria, Austria, xxii. 614.
- MURAD, or Amurath, I., Turkish sultan, i. 781; xxiii. 641.
- II., Turkish sultan, i. 781; xxiii. 641.
- III., Turkish sultan, i. 782; xxiii. 644.
- IV., Turkish sultan, i. 782; xxiii. 645.
- V., Turkish sultan, xxiii. 652.
- MURADABAD, district and town, India, xvii. 33.
- MURÆNA, fish, xvii. 33.
- MURAL DECORATION, xvii. 34; xxiii. 158; on clay, xix. 605; Etruscan paintings, viii. 644; stereochromy, xxii. 54; tiles, xxiii. 389.
- MURANO, island, Venice, xvii. 48; glass-making at, x. 652.
- MURAT, Joachim, French marshal and king of Naples, xvii. 48, 191.
- MURATORI, Ludovico Antonio, Italian scholar, xvii. 49; xiii. 512; canon of, v. 8.
- MURAVIEFF, town, Saghalin, xxi. 147.
- MURCHISON, Sir Roderick Impey, British geologist, xvii. 50.
- , river, Western Australia, xxiv. 507.
- FALL, Nile, Africa, xvii. 505.
- MURCHISONITE, mineral, xvi. 419.
- MURCHISON MOUNTAINS, South Africa, xxiii. 517.
- MURCIA, province, Spain, xvii. 51; xxii. 298; town, xvii. 52.
- MURDER, in law, xvii. 52; cases of, before the Areopagus, ii. 482; ordeal for discovery of, xvii. 819.
- MURDOCK, or Murdoch, William, Scottish inventor, xvii. 53; introducer of gas-lighting, x. 88.
- MURE, William, historian of Greek literature, xvii. 53.
- MURET, or Muretus, Marc Antoine, French humanist, xvii. 54; his Latin-ity, xiv. 342.
- , France, Battle of (1213), xviii. 450.
- MUREXIDE, ammonium salt, xxiv. 12.
- MURFREESBORO', U.S.A., Battle of (1863), xxiii. 778.
- MURGER, Henry, French writer, xvii. 54.
- MURGHAB, river, Central Asia, i. 242; xvi. 43; xxiii. 511, 512.
- , or Murgab, town, Persia, xviii. 558, 567.
- MURIACITE, mineral, xvi. 400.
- MURIATIC ACID GAS, as a poison, xix. 279.
- MURIDÆ, family of rodent mammals, xv. 418.
- MURIE, Dr, on ornithology, xviii. 39.
- MURILLO, Bartolomé Esteban, Spanish painter, xvii. 55; xxi. 440.
- MURILLO'S MULATTO (Sebastian Gomez), Spanish painter, xvii. 56.
- MURINÆ, subfamily of rodent mammals, xvii. 5.
- MURINO, village, Russia, xxi. 194.
- MURIS, Jean de, musician, xix. 65.
- MURMIS, Nepalese race, xvii. 341.
- MURNER, Thomas, German satirist, x. 527.
- MUROM, town, Russia, xvii. 57; principality, xxi. 89.
- MURPHY, Anna (Mrs Jameson), English writer, xiii. 562.
- , Arthur, Irish dramatist, xvii. 57.
- , Dennis Jasper (C. R. Maturin), Irish novelist and dramatist, xv. 635.
- , J. J., on evolution, viii. 766.
- , Robert, Irish mathematician, xvii. 57.
- MURRAIN, diseases of domestic animals, xvii. 57; i. 304.
- MURRAY, Earl of, regent of Scotland, xvii. 62; xiii. 557; xv. 595; xxi. 503.
- , Lord George, Scottish Jacobite, xxi. 526.
- , John, Scottish chemist, xvii. 62.
- , John, American universalist, xxiii. 831.
- , Lindley, American grammarian, i. 722.
- , Sir Robert, founder of Royal Society, xvii. 63.
- , William, first earl of Mansfield, xv. 498.
- , Mount, Canada, xx. 165.
- COD, fish, xvii. 62.
- RIVER, Australia, xvii. 62, 408; iii. 107; xxii. 284; xxiv. 215.
- MURRE, bird, xi. 262; xx. 302.
- MURREE, sanatorium, Punjab, India, xvii. 63.
- MURRUMBIDGEE, river, Australia, xvii. 62, 408.
- MURSHIDABAD, district and town, India, xvii. 63.
- MURSHID KULI KHAN, nawab of Bengal, xii. 800.
- MURTEN, or Morat, Switzerland, Battle of (1476), v. 425; ix. 764; xxii. 787.
- MURTIZABAD (Hala), town, India, xi. 379.
- MURUSI, voivodes of Moldavia, xxi. 20.
- MURVIEDRO, town, Spain, xxi. 149.
- MURZUK, town, Fezzan, Africa, ix. 130; xxiii. 575; sand dunes of, xxi. 150.
- MUS, genus of rodent mammals, xvii. 5; xv. 419; xx. 287.
- , Roman family, xvii. 64.
- MUSA, genus of plants, xv. 488; xix. 176.
- (Hadi), caliph, xvi. 581.
- , Moorish emir of Saragossa, xxii. 312.
- , Ali ibn, Moslem martyr, Persia, xvi. 46.
- , Mohammed b., Arab algebraist, i. 512.
- B. NOSAIR, Moslem invader of Spain, xvi. 572, 573; xxii. 309.
- MUSÆUS, Greek poet, xvii. 64.
- MUSÄUS, Johann Karl August, German writer, xvii. 64.
- MUSCA, genus of insects, xii. 317.
- MUSCÆ VOLITANTES, disease of the eye, xvii. 783.
- MUSCARDINE, disease of silkworm, xxii. 59.
- MUSCAT, town, Arabia, xvii. 64.
- MUSCATINE, town, Iowa, U.S.A., xvii. 65.
- MUSCI, group of plants, xiv. 719; xvii. 70.
- MUSCIPIDÆ, order of birds, ix. 351; xiv. 81.
- MUSCINEÆ, class of plants, xvii. 65; xxiv. 128; reproduction of, xx. 423.
- MUSCLES, of human body, i. 833; xix. 8; affected by magnetism, xv. 281; repair of, xviii. 367; of apes, ii. 163; of birds, iii. 724; of reptiles, xx. 455.
- MUSCOVADO SUGAR, xxii. 626.
- MUSCOVITE, mineral, xvi. 413.
- MUSCOVY, name for Russia, xxi. 89.
- MUSCULAR ATROPHY, disease, xviii. 392.
- MUSCULAR SENSATIONS, xxiii. 483.
- MUSCULAR SYSTEM, Physiology of the, xix. 8. See also Muscles.
- MUSCULAR TISSUES, Anatomy of, i. 856; of animals, xii. 8.
- MUSELER'S LAMP, vi. 73.
- MUSES, The, in Greek mythology, xvii. 74.
- MUSHED, or Mashhad (*q.v.*), town, Persia, xviii. 626.

- MUSHICONGOS, tribe, Congo, Africa, VI. 267.
- MUSHITZKI, Lucian, Servian poet, XXI. 691.
- MUSHROOM, edible fungus, XVII. 74; IX. 832; XII. 284; ketchup from, XIV. 54.
- MUSIC, XVII. 77; as a fine art, IX. 203; scientific basis of, XVII. 102; academies of, I. 78; conservatories of, VI. 291; copyright in, VI. 360; ecclesiastical, XIX. 168; in relation to poetry, XIX. 260, 262; printing-type of, XXIII. 696; speed-measuring instrument, XVI. 198; staff notation, XI. 257; ancient, Boetius on, III. 857; French, Rousseau's influence on, XXI. 25; Greek, Boeckh on, III. 851; Hebrew, XX. 34; contributions to the science by Gerbert, XXII. 76; by Purcell, XX. 113; by Palestrina, XVIII. 179; by Tartini, XXIII. 71; by Zarlino, XXIV. 771; Burney's History of, IV. 565; Hindu works on, XXI. 293; Rameau's theories of, XX. 265.
- MUSICAL BOX, XVII. 106.
- MUSICAL GLASSES, XI. 481.
- MUSICAL HARMONY, Principles of, I. 107.
- MUSICAL INSTRUMENTS, their origin, XVII. 77.
- MUSICAL STRINGS, Laws of, I. 111, 112.
- MUSIC HALLS, Laws relating to, XXIII. 228.
- MUSK, perfume, XVII. 106; XVIII. 526.
- MUSK-DEER, XVII. 107; VII. 25; XV. 432.
- MUSKEGET, island, Massachusetts, U.S.A., XVII. 174.
- MUSKEGON, town, Michigan, U.S.A., XVII. 108.
- MUSKELUNGE, fish, XIX. 89.
- MUSKET, gun, II. 558; XI. 284.
- MUSKINGUM, river, Ohio, U.S.A., XVII. 734.
- MUSKOGES, American-Indian tribe, XII. 831.
- MUSKOKA, district, Ontario, Canada, XVII. 776.
- MUSK-OX, ungulate mammal, XVII. 108.
- MUSK-RAT, rodent mammal, XVII. 108; XV. 418, 419; skins of, IX. 838.
- MUSK ROOT, drug, XXII. 641.
- MUSLIH-UDDIN (Sadi), Persian poet, XXI. 142.
- MUSLIN, cotton fabric, XVII. 109; VI. 488, 500; origin of the name, XVI. 868.
- MUSNIUS RUFUS, Roman Stoic, XXII. 573.
- MUSOPHAGA, genus of birds, XXIII. 487.
- MUSQUASH, rodent mammal, XV. 418, 419; XVII. 108.
- MUSQUODOBOIT, river, Nova Scotia, XVII. 601.
- MUSSATO, Albertino, Italian dramatist, XIII. 506.
- MUSCHENBROEK, Pieter van, Dutch scientist, XVII. 109; on magnetism, XV. 236.
- MUSSEL, mollusc, XVII. 110; XVI. 686; parasite of, XXIII. 540; in New Guinea, XVII. 389; fisheries, IX. 265.
- MUSSELBURGH, town, Scotland, XVII. 110.
- MUSSET, Alfred de, French poet and dramatist, XVII. 111; IX. 676, 677; his relations with George Sand, VII. 509. —, Paul de, French biographer, XVII. 111.
- MUSSITE, mineral, XVI. 416.
- MUSSOLOS, tribe, Congo, Africa, VI. 267.
- MUSOOREE, station, India, VII. 33.
- MUSSURONGOS, tribe, Congo, Africa, VI. 267.
- MUSTAFA I., Turkish sultan, XXIII. 644.
- II., Turkish sultan, XXIII. 646.
- III., Turkish sultan, XXIII. 647.
- IV., Turkish sultan, XXIII. 648.
- , Kara, Turkish vizier, XIX. 296; XIV. 466; XXIII. 645.
- B. ABDALLAH (Hadji Khalfa), Arabic writer, XI. 377.
- MUSTARD, plant and seed, XVII. 112; I. 377, 384; XII. 284; adulteration of, I. 172; oil from the seed, XVII. 744.
- MUSTAREB, Arab tribes, Arabia, II. 246, 256.
- MUSTELA, genus of carnivorous mammals, XV. 439, 576; IX. 109; XXIV. 462.
- MUSTELUS, genus of sharks, XXI. 774.
- MUSTERS, George Chaworth, explorer in Patagonia, XVIII. 354.
- MUT, Egyptian divinity, VII. 718.
- MUTHRA, town, India, XVII. 113.
- MUTILATION, as punishment, XXIII. 465.
- MUTILUS, C. Papius, Samnite leader, XXI. 249.
- MUTINA (Modena), ancient town, Italy, XVI. 542.
- MUTINY, in military law, XVII. 113.
- , The Indian (1857), XII. 809; V. 278.
- ACTS, English, XVI. 296; VI. 517; first passing of, II. 570.
- MUTRAH, town, Arabia, XVII. 64.
- MUTTRA, district and town, India, XVII. 113.
- MUTULE, in architecture, II. 468.
- MUYA, mountains, Siberia, XXII. 3; XXIII. 509.
- MUYDIR, plateau, Sahara, Africa, XXI. 149.
- MUZAFFARGARH, district, India, XVII. 113.
- MUZAFFARNAGAR, district and town, India, XVII. 114.
- MUZAFFARPUR, district and town, India, XVII. 114.
- MUZAK, Madame, Bohemian writer, XXII. 153.
- MUZIANO, Girolamo, Italian painter, XVII. 114.
- MUZTAGH, mountain pass, Tibet, XIV. 153.
- MWITA, town, East Africa, XVI. 697.
- MYA, genus of Mollusca, XVII. 110.
- MYALL, Lake, New South Wales, XVII. 408.
- MYCELIUM, organ of Fungi, IX. 828.
- MYCENÆ, ancient town, Greece, XVII. 115; architectural remains at, II. 402; ornaments found at, XIII. 676; treasury of Atreus at, II. 346.
- MYCETES, genus of apes, II. 153.
- MYCETOZOA, class of Protozoa, XIX. 840.
- MYCODERMA ACETI, mould-plant, in fermentation, IX. 98.
- MYCOLOGY, the science of Fungi, IX. 827.
- MYCONIUS (Oswald Geisshäusler), Swiss Reformer, XX. 331.
- MYCONOS, island, Greece, VII. 51.
- MYCTERIA, genus of birds, XIII. 529.
- MYDAUS, genus of carnivorous mammals, XV. 440.
- MYDDLETON, Sir Hugh, London goldsmith and engineer, XVII. 115.
- MYDRIATICS, narcotics affecting the eyes, XVII. 232.
- MYELITIS, disease, XVII. 115.
- MYGDONIA, town, Thrace, XVIII. 635.
- MYHEE CAUNTA (Mahi Kantha), states, India, XV. 286.
- MYLÆ (Milazzo), ancient fortress, Sicily, XVI. 293.
- MYLAPUR, part of Madras city, India, XV. 188.
- MYLASA, Asia Minor, Tomb at, II. 412.
- MYLIOBATIS, genus of fishes, XX. 300.
- MYLITTA, Bilit, or Biltis, Babylonian goddess, III. 176; relation of, to Aphrodite, II. 172; Lucian's work on, XV. 44.
- MYLIUS, friend of Lessing, XIV. 479.
- MYLN, Walter, Scottish martyr, XXI. 501.
- MYLODON, extinct edentate mammal, XV. 385.
- MYMENSING (Maimansinh), district, India, XV. 294.
- MYNA, bird, XI. 26.
- MYNAS, M., discoverer of MS. of Babrius, III. 181.
- MY NOVEL, by Lytton, XV. 123.
- MYNPOOREE, district, India, XV. 303; town, XV. 304.
- MYODES, genus of rodent mammals, XIV. 435; XV. 419.
- MYOGALINÆ, subfamily of insectivorous mammals, XV. 403.
- MYOMORPHA, group of rodent mammals, XV. 418.
- MYOPIA, defect of the eye, VIII. 820; XVI. 259; XVII. 785; spectacles for, XXII. 372.

- MYOSOTIS, genus of plants, IX. 414; XII. 252.
- MYOTOMY, in surgery, XXII. 690, 691.
- MYOXUS, genus of rodent mammals, VII. 368; XV. 418; hibernation of, XI. 788.
- MYRA, town, Asia Minor, XV. 93; rock tomb at, II. 412; theatre at, XXIII. 222.
- MYRDHINN, Welsh bard, II. 650.
- MYREMILL, Ayrshire, Scotland, System of irrigation at, I. 343.
- MYRIAPODA, group of animals, XVII. 115; V. 340.
- MYRICARIA, genus of trees, XXIII. 40.
- MYRINA, town, Lemnos, Ægean Sea, XIV. 437.
- , form of name Smyrna, XXII. 185.
- MYRIOBIBLION, Photius's, XVIII. 819.
- MYRISTICA, genus of trees, XVII. 666.
- MYRISTICENE, MYRISTIN, principles in nutmeg, XVII. 666.
- MYRMECOBIUS, genus of marsupial mammals, XV. 381; XXII. 285.
- MYRMECOPHAGIDÆ, family of edentate mammals, XV. 385; II. 98.
- MYRMEKOLEON, of the Physiologus, XIX. 6.
- MYRMELEO, genus of insects, II. 98.
- MYROBALAN, for tanning, XIV. 382.
- MYRON, Greek sculptor, XVII. 120; II. 354.
- MYROSIN, albuminoid in mustard, XVII. 112.
- MYRRH, gum-resin, XVII. 121; as incense, XII. 718.
- MYRTLE, shrub, XVII. 122.
- MYRTLE-BERRY WAX, XXIV. 459.
- MY SCHOOLS AND SCHOOLMASTERS, Hugh Miller's book, XVI. 319.
- MYSHKIN, town, Russia, XXIV. 731.
- MYSIA, ancient province, Asia Minor, XVII. 122; XVI. 542.
- MYSOMEH, lake island, Africa, XVII. 504.
- MYSORE, state, India, XVII. 123; Wellington's operations in, XXIV. 494; wars in, XII. 803, 804; town, XVII. 124.
- MYSTACINÆ, group of bats, XV. 413.
- MYSTACOCETI, suborder of cetacean mammals, XV. 393, 394; XXIV. 523.
- MYSTERIES, in ancient Greek religion, XVII. 124; Phrygian, XVIII. 853.
- OF PARIS, by Eugène Sue, XXII. 619.
- MYSTERIOUS MOTHER, by Walpole, XXIV. 334.
- MYSTERY PLAYS, VII. 413; in England in time of Shakespeare, XXI. 750; French, IX. 644.
- MYSTICISM, XVII. 128; XXIII. 278; ancient, I. 461; theism of, XXIII. 245; Eckhart's, VII. 642; Nicholas of Basel's, XVII. 486; Persian, XVIII. 658; Schwenkfeldian, XXI. 463; Tauler's, XXIII. 82.
- MYSTICS, XVII. 128; XII. 706; German, X. 526.
- MYTH, in literature, VIII. 837.
- MYTHO, town, Cochin China, XXI. 152.
- MYTHOLOGY, XVII. 135; XX. 367; in relation to cosmogony, VIII. 754; illustrated by numismatics, XVII. 628; in relation to totemism, XXIII. 467; Assyrian, III. 192; Egyptian, VII. 730; Etruscan, VIII. 637; Gaelic, X. 9; Phœnician, XVIII. 802.
- MYTHOPŒIC AGE, of the human race, XVII. 138.
- MYTHS, XVII. 136; in popular tales, XXIII. 28; importance of, in ethnology, VIII. 623.
- MYTILENE, or Lesbos, island, Ægean Sea, Turkey, XIV. 474.
- , town, Lesbos, XIV. 474; aqueduct near, II. 221.
- MYTILUS, genus of Mollusca, XVI. 688; XVII. 110.
- MYTON-WYKE, village (Hull), England, XII. 342.
- MYVRIAN ARCHAIOLOGY OF WALES, V. 314.
- MYXINE, genus of fishes, XI. 370.
- MYXCEDEMA, disease, XVIII. 384.
- MYXOMA, disease, XVIII. 369.
- MYXOMYCETES, order of Fungi, IX. 835; XXIV. 128.
- MYXOSPONGIÆ, class of sponges, XXII. 421.
- MYXOSPORIDIA, subclass of Protozoa, XIX. 855.
- MYXUS, genus of fishes, XVII. 18.
- N**, the fourteenth letter of the alphabet, XVII. 159.
- NA, Assyrian god, III. 193.
- NAAMAH, of Scripture, XIV. 238.
- NAAS, town, Ireland, XIV. 73.
- NAASSENI, Gnostic sect, X. 703.
- NABATEAN LANGUAGE, XXI. 648, 651.
- NABATEANS, ancient Arabian people, XVII. 160; XVIII. 198, 705.
- NABHA, state, India, XVII. 160.
- NABHAJI, Hindi writer, XI. 846.
- NABI, Ottoman poet, XXIII. 657.
- EFFENDI, alchemist, I. 464.
- NARICHA, Arabic poet, XVI. 537.
- NABIS, tyrant of Sparta, XVIII. 790; XXII. 371.
- NABOB, origin of the name, XII. 796.
- NABONASSAR, Era of, V. 710, 715.
- NABRISSA (Lebrija), ancient town, Spain, XIV. 396.
- NABULUS (Samaria), town, Palestine, XXI. 244, 783.
- NACELLA, genus of Mollusca, XVI. 645.
- NACHET'S BINOCULAR MICROSCOPE, XVI. 273.
- NACHMANIDES (Ramban), Jewish commentator, XX. 264.
- NACHTIGAL, Gustav, his journey to Lake Chad, I. 248; on the Negro dialects, XVII. 318.
- NACRITE, mineral, XVI. 424.
- NADAR'S BALLOON, I. 192.
- NADIM, Arabic writer, XVII. 160.
- NADIR, shah of Persia, XVIII. 641; conquest of Baluchistan by, III. 300.
- MIRZA, Persian prince, XVIII. 647.
- NADIYA, district, India, XVII. 161.
- NADORITE, mineral, XVI. 428.
- NÆNIA, genus of birds, XXIII. 189.
- NÆVIUS, Gnaeus, early Latin poet, XVII. 161; XX. 716; XIX. 215; language of, XIV. 332.
- NÆVUS, tumour, XVII. 163.
- NÄFELS, Switzerland, Battle of (1388), XXII. 784.
- NAGA HILLS, district, Assam, India, XVII. 163.
- NAGAPATAM, or Negapatam, town, India, XXIII. 47.
- NAGAR, state, India, X. 597.
- NAGAS, hill tribe, Assam, India, II. 721.
- NAGASAKI, town, Japan, XVII. 163; XIII. 578.
- NAGASENA, teacher of Lamaism, XIV. 227.
- NAGINA, town, India, XVII. 164.
- NAGOYA, town, Japan, XVII. 164; XIII. 580.
- NAGPUR, or Nagpore, district and town, India, XVII. 164; war with raja of, XII. 804.
- NAGUL BASSARABA, voivode of Wallachia, XXI. 16.
- NAGYAGITE, mineral, XVI. 393.
- NAGY-KANIZSA, town, Hungary, XIII. 842.
- NAGY-KÖRÖS, town, Hungary, XVII. 165.
- NAGY-VARAD (Grosswardein), town, Hungary, XI. 212.
- NAHAN, town, India, XXII. 98.
- NAHARINA, district, Mesopotamia, XVI. 47; XXII. 822.
- NAHARRO, Bartolomé de Torres, Spanish dramatist, XVII. 165; VII. 420; XXII. 356.
- NAHE, river, Rhenish Prussia, XX. 20, 519.
- NAHHAS, Arabic grammarian, XVI. 536.
- NAHIÉ, Turkish parish or commune, XXIII. 654.
- NAHMANI, Rab Abbah bar, Jewish writer, XX. 192.
- NAHUAS, ancient people, Mexico, XVI. 208.
- NAHUEL-HUAPI, lake, Patagonia, XVIII. 353.
- NAHUZALCO, town, San Salvador, XXI. 268.
- NAHUM, Old Testament prophet, XVII. 165.
- NAIADS, or Nymphs, in Greek mythology, XVII. 688.

- NAIHATI, town, India, XXIII. 673.
 NAILS, on hands and feet, I. 897; of animals, XV. 348; XXII. 107, 108.
 —, of metal, XVII. 165.
 NAIMA, Ottoman historian, XXIII. 657.
 NAIN, Le (Antoine, Louis, and Mathieu), French painters, XVII. 166.
 — SINGH, traveller in Tibet, XIV. 503.
 NAINSOOK, woven fabric, XVII. 109.
 NAIRN, county, Scotland, XVII. 166; area and population, XXI. 528; representation, XXIII. 727.
 —, town, Scotland, XVII. 167.
 NAIRNE, Baroness, Scottish song-writer, XVII. 167.
 NAIRSA (Dean's Island), island, South Pacific, XXIII. 602.
 NAISSUS (Nish), ancient town, Serbia, XVII. 514.
 NAJA, genus of snakes, XXII. 196.
 NAJERA, or Navarrete, Spain, Battle of (1367), XVIII. 451.
 NAKHICHEVAN, or Nakhjevan, town, Russian Armenia, XVII. 167; XXIII. 515.
 NAKHICHEVAN-ON-THE-DON, town, Ekaterinoslaff, Russia, XVII. 168.
 NAKHON, Cambodia, Architectural remains at, IV. 726.
 NAKSHATRAS, in Hindu astronomy, XXIV. 793.
 NAKSHI RUSTAM (Persepolis), ancient town, Persia, XVIII. 558.
 NALADIYAR, Tamil poem, XXIII. 43.
 NALAGARH, hill state, India, XI. 840.
 NALJESKOVIC, Nicholas, Ragusan poet, XXI. 690.
 NALLAMALAIS, mountain range, India, XIV. 5.
 NAMANGAN, or Namangan, town, Turkestan, IX. 85; XXIII. 637.
 NAMAQUALAND, region, South-Western Africa, XVII. 168.
 NAMAQUAS, South-African race, XII. 309.
 NAMBURI, Brahman caste, Madras, India, XV. 185.
 NAMBY-PAMBY, origin of the term, XVIII. 754.
 NAM-CHO, lake, Tibet, XXIII. 341.
 NAM-DINH, town, Tong-King, XXIII. 440.
 NAMEN (Namur), town, Belgium, XVII. 170.
 NAMES, of persons and places, XVII. 168; Gaelic, X. 10.
 NAM-KONG (Mekong), river, Asia, XV. 832.
 NAMLING, town, Tibet, XXIII. 340.
 NAMSEN, river, Norway, XVII. 575.
 NAMUR, province and town, Belgium, XVII. 170.
 NANA GHAT, Indian inscriptions, Numerals in, XVII. 626.
 NANAIMO, town, Vancouver Island, North America, XXIV. 58.
 NANAK, founder of Sikh religion, India, XII. 808; XX. 110.
 NANAS, Hajdu, town, Hungary, XI. 377.
 NANA SAHIB, leader in Indian Mutiny, XVII. 170; XII. 810; V. 278; XV. 292; in Nepal, XVII. 345.
 NANAWATAI, Afghan custom, I. 237.
 NAN-CHANG FOO, town, China, V. 635.
 NANCY, town, France, XVII. 170.
 NANDADEVI, mountain, Himalayas, XI. 825.
 NANDGAON, state, India, XX. 257.
 NANDKUMAR, Bengali Brahman, XI. 513.
 NANDU, bird, XX. 505.
 NANFAN, Sir Richard, English deputy-lieutenant of Calais, XXIV. 634.
 NANGAMBAKAM, suburb of Madras, India, XV. 188.
 NANGA PARBAT, mountain, Himalayas, XIV. 10.
 NANGASAKI, or Nagasaki, town, Japan, XVII. 163; XIII. 578.
 NANGKOI, town, Siam, XXI. 853.
 NANKING, or Nankin, town, China, XVII. 171; V. 635; treaty of (1842), V. 38.
 NANNESAD, Frederik, Norse writer, XVII. 590.
 NAN-SHAN, mountain range, China, V. 630.
 NANTES, town, France, XVII. 172; libraries, XIV. 526, 546; university, XXIII. 842.
 —, Edict of (1598), IX. 564; XII. 338; XIX. 505, 695; its revocation (1685), IX. 579; IV. 743.
 —, Noyades of, in French Revolution, V. 139.
 NANTEUIL, Robert, French crayonist and engraver, XVII. 173.
 NANTICOKE, river, Maryland, U.S.A., XV. 603.
 NANTUCKET, island, Massachusetts, U.S.A., XVII. 174; XV. 612.
 NANTWICH, town, England, XVII. 174.
 NANUS, or Dwarf, Roman, VII. 567.
 NAOGAON, district, India, XVII. 609.
 NAOMI, of Scripture, XXI. 111.
 NAPA, town, Lew-Chew Islands, Pacific, XIV. 490.
 NAPATA, Ethiopian kingdom, XVI. 40.
 NAPHTALI, of Scripture, XVII. 174.
 NAPHTHA, in chemistry and commerce, XVII. 174; II. 715; XVI. 428; XVIII. 719; as the product of shale, XVIII. 241; wells of, at Baku, Caspian Sea, V. 179, 257; III. 258.
 NAPHTHALENE, hydrocarbon, XVIII. 237; XXIII. 59.
 NAPIER, town, New Zealand, XVII. 175.
 —, Sir Archibald, of Merchiston, XVII. 177.
 —, Sir Charles, British admiral, XVII. 175.
 NAPIER, Sir Charles James, British general, XVII. 175.
 —, James R., his coffee apparatus, VI. 113.
 —, John, inventor of logarithms, XVII. 177; II. 754; XIV. 773.
 —, Macvey, editor of *Encyclopædia Britannica*, VIII. 201.
 —, Richard, Scottish astrologer, XVII. 185.
 —, Sir Robert, his expedition against Abyssinia, I. 67.
 —, Robert, editor of John Napier's works, XVII. 184.
 —, Sir William Francis Patrick, British military historian, XVII. 186.
 NAPIER'S ANALOGIES, in spherical trigonometry, XXIII. 566.
 NAPIER'S BONES, rods for arithmetical computation, XVII. 184.
 NAPLES, kingdom, Italy, XIII. 478; XXII. 28; connexion of Spain with, XXII. 322, 327.
 —, town, Italy, XVII. 187; catacombs of, V. 215; dialect, XIII. 495; libraries, XIV. 530, 548; Museo Borbonico, XIX. 450; musical conservatory, VI. 291; observatory, XVII. 714; its school of painting, XXI. 438, 443; pictures, XXI. 447; sculpture, XXI. 568; university, XXIII. 834, 836; wine industry of the district, XXIV. 610; in time of Masaniello, XV. 606; under Murat, XVII. 49.
 —, Bay of, Italy, XVII. 187.
 NAPO, river, South America, VII. 645.
 NAPOLEON I., emperor of the French, XVII. 192; IX. 608, 615; his birth-place, I. 432; his armies, II. 601; campaigns against Austria, III. 130; his disturbance of the balance of power in Europe, III. 269; his battles, III. 444; relations with Pozzo di Borgo, XIX. 650; Cardinal Consalvi's opposition to, VI. 290; campaign in the East, XXIII. 648; in Egypt, VII. 759; English struggle against, VIII. 363; intervention of, in Germany, X. 504; Goethe's interview with, X. 733; his rule in Italy, XIII. 485; his testimony to Jesus Christ, XIII. 669; his attitude towards the popedom, XIX. 155, 508; XX. 806; in Portugal, XIX. 550; relations with Prussia, XX. 11; invasion of Russia by, XXI. 100; invasion of Spain by, XXII. 343; his relations with Talleyrand, XXIII. 31; his knowledge of the art of war, XXIV. 345; Lanfrey's estimate of, XIV. 284.
 — II., duke of Reichstadt, XVII. 226.
 — III., emperor of the French, XVII. 226; IX. 623; his mother, XII. 210; Orsini's attempt to assassinate him, XVIII. 52; in Algeria, I. 569; his intervention in Italy, XIII. 490.
 —, card game, XVII. 229.

- NAPOLEON BONAPARTE, Historic Doubts relative to, by Whately, XXIV. 529.
 NAPOLI (Naples, *q.v.*), town, Italy, XVII. 187.
 — DI MALVASIA, town, Greece, XV. 346.
 NARA, town, Japan, XVII. 229.
 NARAKEL, seaport, India, VI. 92.
 NARBADA, or Nerbudda, river, India, XVII. 345; IV. 21.
 NARBAL, state, India, XVII. 160.
 NARBERTH, town, Wales, XVIII. 482.
 NARBO MARTIUS (Narbonne), ancient town, France, XVII. 230.
 NARBONENSIS, Gallia, part of ancient France, XIV. 287.
 NARBONNE, town, France, XVII. 229.
 NARBOROUGH, Sir John, English admiral, XVII. 230.
 NARCEIA, vegetable alkaloid, XVII. 793.
 NARCISSUS, plant, XVII. 230; VI. 760; XII. 257.
 NARCOMEDUSÆ, order of Hydrozoa, XII. 563.
 NARCOTICS, XVII. 230.
 NARCOTIN, principle in opium, XVII. 793.
 NARD, ointment, XXII. 398.
 NARDA, town, Albania, II. 639.
 NARDI, Jacopo, Italian historian, XIII. 509.
 NARENTA, Illyrian republic, XII. 710.
 —, river, Herzegovina, XI. 776.
 NARES, Sir George, Arctic explorer, X. 196; XIX. 322, 324, 330.
 NARET, Phra, Siamese ruler, XXI. 854.
 NARGILA, tobacco pipe, XIX. 111.
 NARI, region, Tibet, XXIII. 339.
 NARISHKINS, Russian royal family, XXI. 96.
 NAR NARAYAN, Indian ruler, XIV. 152.
 NAROVA, river, Russia, XXI. 73.
 NAROVCHAT, town, Russia, XVIII. 515.
 NARRAGANSETT BAY, Rhode Island, U.S.A., XX. 523.
 NARRENHAUS, Kaulbach's work, XIV. 17.
 NARRENSCHIFF, Brandt's satire, X. 527.
 NARSAL, Syriac writer, XXII. 830.
 NARSEH, Mihr, Persian noble, XVIII. 610.
 NARSES, Byzantine general, XVII. 232; XX. 782.
 NARSINHPUR, district, India, XVII. 234.
 NARTHEX, in architecture, II. 468.
 NARUSZEWICZ, Adam, Polish bishop and poet, XIX. 303.
 NARVA, town, Russia, XXI. 190; battle of (1700), V. 420.
 NARVAEZ, Pamfilo de, Spanish adventurer, XVII. 234.
 —, Ramon Maria, Spanish soldier and statesman, XVII. 235; XXII. 346.
 NARWHAL, cetacean mammal, XVII. 235; XV. 398; tusks of, XIII. 523.
 NARYM, town, Siberia, XXIII. 439.
 NARYN, river, Syr-Daria, Asia, XXII. 818.
 NASCA, town, Peru, XVIII. 674.
 NASCIMENTO, F. Manuel do, Portuguese writer, XIX. 557.
 NASE, town, Lew-Chew Islands, Pacific, XIV. 490.
 NASEBY, England, Battle of (1645), VI. 599; VIII. 347.
 NASH, Richard, master of ceremonies, Bath, XVII. 235.
 —, Thomas, English poet, dramatist, and pamphleteer, XVII. 236.
 NASHIM, part of Mishnah, XVI. 505.
 NASHUA, town, New Hampshire, U.S.A., XVII. 236.
 NASHVILLE, town, Tennessee, U.S.A., XVII. 236.
 NASIBIN, town, Turkey in Asia, XVII. 514.
 NASIELSK, town, Russia, XIV. 817.
 NASIK, district and town, India, XVII. 237.
 — SQUARES AND CUBES, XV. 215.
 NASIR KHOSRAU, Persian poet, XVII. 237; XVIII. 658.
 NASIR LI-DIN-ILLAH, caliph, XVI. 588.
 NASMYTH, Alexander, Scottish painter, XVII. 238.
 —, James, inventor of steam hammer, XVII. 238.
 —, Patrick, Scottish painter, XVII. 238.
 NASOREANS, or Mandæans, Oriental sect, XV. 467.
 NASRABAD, town, Persia, XVIII. 627.
 NASR UD-DIN, shah of Persia, XVIII. 651.
 NASSAU, Duchy of, Germany, XVII. 238.
 —, town, New Providence, Bahamas, XVII. 239; III. 237.
 NASSER, town, on Nile, Africa, XVII. 507.
 NASSICK, or Nasik, district and town, India, XVII. 237.
 NASTURTIIUM, genus of plants, XVII. 239; XII. 249; as garden vegetable, XII. 285.
 NATAL, British colony, South Africa, XVII. 239; I. 270; languages of, XXIV. 828; railways, XX. 252.
 —, town, Brazil, XVII. 242.
 NATALUS, genus of bats, XV. 411.
 NATANTIA, section of Mollusca, XVI. 653.
 —, suborder of Protozoa, XIX. 861.
 NATATION, or Swimming, XXII. 768.
 NATCHEZ, town, Mississippi, U.S.A., XVII. 242.
 —, tribe of American Indians, XII. 828.
 NATHANAEL, of Scripture, XVII. 242; III. 403.
 NATHAN B. YEHIEL, Rabbenu, Talmudic writer, XXIII. 37.
 NATHAN DER WEISE, Nathan the Wise, Lessing's poem, XIV. 482; X. 536.
 NATICK, town, Massachusetts, U.S.A., XVII. 243; VIII. 137.
 NATIONAL ASSEMBLY, French (1789), IX. 598; Mirabeau's influence in, XVI. 495.
 NATIONAL CONVENTION, French (1792), IX. 604.
 NATIONAL DEBT, XVII. 243; British, VI. 293; VIII. 243; its origin, XI. 386; European, VIII. 706; of France, IX. 315; of United States, XXIII. 747, 766, 778, 780, 784, 828.
 NATIONAL DEBT COMMISSIONERS, British, their charge of savings banks, XXI. 328.
 NATIONAL GALLERY, London, XIV. 836.
 NATIONALISM, European, VIII. 718.
 NATIONALIZATION OF LAND, XIV. 266.
 NATIONAL MONUMENTS, of England, XX. 310.
 NATIONAL-ZEITUNG, Berlin newspaper, XVII. 429.
 NATIONS, Grouping of men in, VIII. 619.
 —, in universities, XXIII. 835, 841.
 NATIVITY, of Jesus Christ, its date, XIII. 659.
 —, of the Virgin Mary, Feast of, XV. 592.
 NATRIUM (Sodium), chemical element, XXII. 240.
 NATROLITE, mineral, XVI. 420, 423.
 NATRON, mineral, XVI. 399; XXII. 240.
 NATS, tribe, India, III. 508.
 NATTER-JACK, toad, XXIII. 423.
 NATURÆ CURIOSI, German academy, I. 77.
 NATURAL HISTORY, Adanson's classification of, I. 144; Buffon's, IV. 444; Linnæus's system of, XIV. 672.
 NATURAL HISTORY OF SELBORNE, White's work, XXIV. 549.
 NATURALISM, in mediæval life and literature, XX. 383.
 NATURALISTS, Religious, deniers of revelation, XX. 289.
 NATURALIZATION, in relation to domicile, VII. 351; to climate, I. 84.
 — ACT, British (1870), I. 575, 581.
 NATURAL PHILOSOPHY, Bacon's views of, III. 214.
 NATURAL RELIGION, Hume's dialogues on, XII. 355.
 NATURAL SCIENCE, XIX. I.
 NATURAL SELECTION, Theory of, VIII. 750; XXIV. 77, 817; I. 145; XIII. 157, 159; XVIII. 32.
 NATURAL THEOLOGY, XXIII. 261, 264, 275; Paley's work on, XVIII. 182.
 NATURE, in relation to art, II. 636; IX. 195; in relation to disease, XVIII. 362; laws of, in economics, XIX. 360; Aristotle's theory of, II. 522; Erigena's work on, VIII. 523; Hegel's philosophy of, XI. 620; Kant's metaphysic of, XIII. 850; Leibnitz's theory of, XIV. 421; Plato on, XIX. 209.

- NATURE, Laws of, by Bishop Cumberland, vi. 701.
 —, Religion of, Wollaston's, xxiv. 633.
 —, RELIGIONS, xx. 367.
- NATUR-PHILOSOPHEN, school of biologists, xxiv. 801.
- NATURPHILOSOPHIE, in biology, xvi. 839.
 —, Schelling's philosophical doctrine, xxi. 392.
- NAUCRATES, genus of fishes, xix. 96.
- NAUDÉ, Gabriel, French scholar, xvii. 248.
- NAUHEIM, spa, Germany, xvi. 434.
- NAUI, Persian romancist, xviii. 659.
- NAUM, town, Morocco, xvi. 831.
- NAUMACHIA, Roman mimic sea-fights, xvii. 248.
- NAUMANN, Carl, on crystallographic symbols, vi. 676; xvi. 352.
 —, Johann Andreas, on birds, xviii. 9.
 —, Johann Friedrich, on birds, xviii. 9.
- NAUMANNITE, mineral, xvi. 392.
- NAUMBURG, town, Prussia, xvii. 248.
- NAUPACTUS (Lepanto, *q.v.*), ancient town, Greece, xiv. 467.
- NAUPLIA, town, Peloponnesus, Greece, xvii. 249.
- NAUPLIUS, form in development of Crustacea, vi. 648; ii. 648.
- NAUTICAL ALMANAC, i. 592; xvii. 260; origination of, xv. 609.
- NAUTICAL MAPS, xv. 518.
- NAUTICAL SURVEYING, xxii. 713.
- NAUTICAL TERMS, Glossary of, xxi. 603.
- NAUTILUS, genus of Mollusca, vi. 736, 739; xvi. 667, 671.
- NAUVOO, Illinois, U.S.A., Mormon temple at, xvi. 826.
- NAVAJOES, American-Indian tribe, xii. 833.
- NAVAL ARCHITECTS, Institution of, London, xxi. 809.
- NAVAL COLLEGES, British, xvii. 263; vii. 314.
- NAVAL CONSTRUCTION, xxi. 809.
- NAVAL COURTS MARTIAL, vi. 519.
- NAVAL HOSPITALS, xii. 306.
- NAVAL SOCIETIES, xxii. 227.
- NAVAL STRATEGY AND TACTICS, xxiv. 363.
- NAVAL VOLUNTEERS, British, xxiv. 294.
- NAVAN, town, Ireland, xv. 669.
- NAVARIN, island, Tierra del Fuego, xxiii. 384.
- NAVARINO, seaport and bay, Greece, xvii. 249; xvi. 53; battle of (1827), vi. 107; ix. 619; xi. 125; xxi. 101; xxiii. 650.
- NAVARRA, or Navarre, province, Spain, xvii. 249; xxii. 298.
- NAVARRÉ, kingdom, Spain, xxii. 312, 324, 325, 327; connexion of, with Capet family, v. 55; Henry of, ix. 562.
- NAVARRÉSE-ARAGONESE DIALECT, xxii. 351.
- NAVARRETE, Spain, Battle of (1367), xviii. 451.
- , Juan Fernandez, Spanish painter, xvii. 250.
- , Martin Fernandez de, Spanish historian, xvii. 250.
- NAVAS DE TOLOSA, Battles of (1212 and 1808), iii. 241; xxii. 317.
- NAVE, in architecture, ii. 468.
- NAVIES, Comparative view of, xvii. 291.
- NAVIGATING OFFICER, in navy, his duties, xvii. 293.
- NAVIGATION, xvii. 250; gradual growth of, i. 185; Phœnician, xviii. 804; of rivers, xx. 575.
- NAVIGAZIONE E VIAGGI, Ramusio's work, xx. 270.
- NAVIGATION LAWS, xvii. 277; as affecting rivers, xx. 565; restricting American colonies of England, xxiii. 733, 737.
- NAVIGATORS' ISLANDS, South Pacific, xvii. 279.
- NAVIGIUM SEU VOTA, Lucian's dialogue, xv. 44.
- NAVY, xvii. 279; court martial, vi. 519; prize court, xix. 767; dockyard management of, vii. 316; laws affecting seamen in, xxi. 605; marines of, xv. 544; official rank in, xix. 667; savings banks, xxi. 330; ships of war, xxi. 821; signals, xxii. 49; European, viii. 706; French, ix. 517; German, x. 468; Italian, xiii. 458; Russian, xxi. 72; United States, xxiii. 828; societies of naval science, xxii. 227.
- NAWAB, Indian title, xii. 796.
- NAWABGANJ, town, India, xviii. 72; xxiii. 673.
- NAWANAGAR, state and town, India, xvii. 301.
- NAWAWI, learned Moslem sheikh, xvii. 301.
- NAXOS, Greek colony, Sicily, xvii. 302.
 —, island, Ægean Sea, Turkey, xvii. 302.
- NAXUANA, town, Armenia, xvii. 167.
- NAYA, town, Turkestan, xiv. 67.
- NAYAGARH, state, India, xvii. 302.
- NAYLER, or Naylor, James, Puritan fanatic, xvii. 302.
- NAZARENES, Jewish Christian sect, xvii. 302; their relation to the Ebionites, vii. 619.
- NAZARETH, town, Palestine, xvii. 302; xviii. 171.
 —, river, West Africa, xvii. 733.
- NAZARITE, or Nazirite, Hebrew devotee, xvii. 303; xiii. 407.
- N'DAR (St Louis), town, Senegambia, West Africa, xxi. 182.
- NEA, river, Norway, xvii. 575.
- NEAGH, Lough, Ireland, ii. 142; xiii. 216.
- NEAL, Daniel, historian of the Puritans, xvii. 303; his account of Boston, U.S.A., iv. 77.
 —, Joseph, American humorist, i. 728.
- NEALE, John Mason, English ecclesiastical historian and hymnologist, xvii. 304.
- NEANDER, August, German theologian, xvii. 304; his history of the church, v. 766.
- , Joachim, German hymn-writer, xvii. 305; xii. 587.
- NEANDRIA, ancient town, Asia Minor, xxiii. 580.
- NEAPOLIS (Naples, *q.v.*), ancient town, Italy, xvii. 190; coins of, xvii. 637.
 — (Kavala), ancient town, Macedonia, xiv. 19.
 —, town, Palestine, xxi. 783.
- NEAPOLITAN HOG, i. 400.
- NEAP TIDE, xxiii. 353.
- NEARCHUS, admiral of Alexander the Great, xvii. 305.
- NEARCTIC REGION, in zoology, vii. 274.
- NEATH, town, Wales, xvii. 306.
- NEAT'S-FOOT OIL, xvii. 744, 747.
- NEB, river, Isle of Man, xv. 450.
- NEBENIUS, Friedrich, German economist, xix. 387.
- NEBIIM, ancient Oriental religious enthusiasts, xiii. 402; xix. 815.
- NEBI SAMWIL, mountain, Palestine, xviii. 172.
- NEBO, Mount, Utah, U.S.A., xxiv. 19.
 — YUNUS, ruins, Nineveh, xvii. 512.
- NEBRASKA, State, U.S.A., xvii. 306.
- NEBRODIAN MOUNTAINS, Sicily, xxii. 29.
- NEBTI, Egyptian divinity, vii. 717.
- NEBUCHADNEZZAR, king of Babylon, xvii. 309; iii. 188; xiii. 416; xiv. 159; palace of, at Babylon, iii. 182.
- NEBULÆ, in astronomy, ii. 820; spectrum analysis of, x. 215.
- NEBULAR THEORY, xvii. 310; Laplace on, xiv. 302.
- NECESSITARIANISM, Collins on, vi. 147.
- NECHO, of Scripture, xvii. 312; vii. 743; xiii. 416.
- NEÇIB, Aramaic word, its meaning, xiii. 402.
- NECK, Anatomy of the, i. 821.
- NECKAR, river, Germany, xx. 519; xxiv. 700.
- NECKER, Anne Louise Germaine, baroness de Stael-Holstein, xxii. 439.
 —, Jacques, French financier, xvii. 312; ix. 594.
 —, Madame (Suzanne Curchod), xvii. 312.
- NECROMANCY, magic, xv. 199; in England (1581), vii. 22.
- NECROPHAGA, group of beetles, vi. 130.

- NECROSIS, bone disease, XVII. 313; of the teeth, VII. 97.
- NECTANEUBUS, magician, in romance, XX. 640.
- NECTAR, in Greek mythology, XVII. 313. —, excretion in flowers, XII. 136; XIX. 53.
- NECTARIES, of flowers, IV. 134; XII. 136; XIX. 53.
- NECTARINA, genus of insects, XXIV. 392.
- NECTARINE, tree and fruit, XVII. 313; XII. 272; XVIII. 442.
- NECTARINIIDÆ, family of birds, XXII. 652.
- NECTOGALE, genus of insectivorous mammals, XV. 403.
- NEDHAM, Marchmont, English news-book writer, XVII. 414.
- NEDIM, Ottoman poet, XXIII. 657.
- NEDJD, or Nedjid, district, Arabia, II. 238, 254.
- NEEDLE, for sewing, XVII. 313. —, Magnetic, VI. 225; XV. 220.
- NEEDLE-GUN, inventor of the, VII. 470.
- NEEDLE-ORE, mineral, XVI. 395.
- NEEDLEPOINT LACE, XIV. 183, 185.
- NEER, Aernaut van der, Dutch painter, XVII. 314. —, Egdon van der, Dutch painter, XVII. 315.
- NEERWINDEN, Belgium, Battle of (1793), III. 130; IX. 605.
- NEES VON ESENBECK, Christian Gottfried, German naturalist, XVII. 315.
- NEETUM (Noto), ancient town, Sicily, XVII. 597.
- NEF, silver casket, XIX. 185.
- NEFI, Ottoman poet, XXIII. 656.
- NEFOOD, sand-ridges, Arabia, II. 239.
- NEGAPATAM, town, India, XVII. 315; XXIII. 47.
- NEGATIVE, in photography, XVIII. 824.
- NEGLIGENCE, in law, XVII. 315; XXIII. 454.
- NEGOL, or Negoj, mountain, Transylvania, XII. 361; XXIII. 521.
- NEGRETII AND ZAMBRA, their deep-sea thermometer, XXIII. 292.
- NÉGRIER, François de, French commander, Tong-King, XXIII. 442.
- NEGRI SAMBILAN, districts, Malay Peninsula, XV. 322.
- NEGRITOS, race of people, Malay Peninsula, XV. 323; in Philippine Islands, XVIII. 753.
- NEGRO, NEGROES, race of people, XVII. 316; I. 263; constitutional adaptation of, I. 88; religion of, XX. 362; Nubian, XVII. 611; of the Soudan, XXII. 278; in United States, XXIII. 821; Negro slavery, XXII. 137, 143. —, Rio, river, Patagonia, XVIII. 353. —, CORN, or Durra, VII. 564; XVI. 321.
- NEGROID RACE, in Asia, II. 697.
- NEGROID TYPE, of man, II. 113.
- NEGROLAND, or Soudan, Africa, XXII. 277.
- NEGROPONT, island, Greece, VIII. 649.
- NEGROS, island, Philippines, XVIII. 748, 752.
- NEGRO SLAVERY, XXII. 137, 143.
- NEGUS, ruler of Abyssinia, I. 65.
- NEHAVEND, Persia, Battle of (c. 641), XVIII. 616.
- NEHEMIAH, of Scripture, XVII. 320; XIII. 418; XVIII. 512. —, Book of, VIII. 831.
- NEHRA, Madame de, friend of Mirabeau, XVI. 494.
- NEIDPATH CASTLE, Peeblesshire, Scotland, XVIII. 452.
- NEIGHBOURS, The, by F. Bremer, IV. 257.
- NEILGHERRY (Nilgiri), state, India, XVII. 508. —, HILLS, India, XVII. 508; XII. 733; XV. 184, 187.
- NEISSE, town, Prussia, XVII. 320; XXII. 53.
- NEITH, Egyptian divinity, VII. 718.
- NEIVA, river, Russia, XVII. 369.
- NEIVINSK, iron-works, Russia, XVII. 369.
- NEJD, district, Arabia, II. 238, 254.
- NEJRAN, province, Arabia, II. 254.
- NEKRASOFF, Nicholas, Russian poet, XXI. 109.
- NEKU (Necho), king of Egypt, XVII. 312; VII. 743; XIII. 416.
- NELEIDÆ, Greek race, XVII. 320.
- NELEUS, of Greek mythology, XVII. 320; XVIII. 474. —, the Peripatetic, inheritor of Aristotle's library and manuscripts, II. 512.
- NELLORE, district, India, XVII. 320.
- NELSON, town, New Zealand, XVII. 321. —, Viscount, English admiral, XVII. 321; his victories, VIII. 363.
- NEMAHA, river, Nebraska, U.S.A., XVII. 308.
- NEMALITE, mineral, XVI. 388.
- NEMANYA, Stephen, Servian king, XXI. 688.
- NEMATHELMINTHES, order of worms, XVII. 324.
- NEMATOBlast, in development of spermatozoa, XX. 412.
- NEMATOIDEA, or Nematodes, group of worms, XVII. 324; parasitic forms, XVIII. 259; in Lankester's classification, XXIV. 813.
- NEMATOPHORA, in Lankester's classification, XXIV. 812.
- NEMAUSUS (Nîmes), ancient town, France, XVII. 511.
- NEMCOVA, Bozena, Bohemian story-writer, XXII. 153.
- NEMEAN GAMES, in ancient Greece, X. 65.
- NEMEDIANS, in Irish legend, V. 299; XIII. 243.
- NEMERTEANS, or Nemertines (*q.v.*), XVII. 326.
- NEMERTES, genus of worms, XVII. 326. —, in Greek mythology, XVII. 326.
- NEMERTINES, subdivision of worms, XVII. 326; nervous system of, XXIV. 183; parasitic forms, XVIII. 259.
- NEMESIANUS, Roman poet, XVII. 331; on hunting, XII. 393.
- NEMESIS, Greek goddess, XVII. 331. —, of Tibullus, XXIII. 349.
- NEMESIUS, bishop of Emesa, Christian philosopher, XVII. 331.
- NEMETACUM (Arras), ancient town, France, II. 629.
- NEMIROFF, town, Russia, XIX. 254.
- NEMOCERA, group of insects, XIII. 150.
- NEMTHUR, Scotland, birthplace of St Patrick, XVIII. 411.
- NEMU, mountain, Central America, VI. 449.
- NENAGH, town, Ireland, XVII. 331; XXIII. 406.
- NENASITETZ RAPIDS, Dnieper river, Russia, VII. 306.
- NENCIA DA BARBERINO, Lorenzo dei Medici's work, XV. 786.
- NENE, river, England, XVII. 555.
- NENGONE, island, South Pacific, XV. 30.
- NENNIUS, early British chronicler, XVII. 332; V. 315; XX. 643.
- NEOBALÆNA, genus of cetacean mammals, XV. 395.
- NEOCASTRO (Navarino), town, Greece, XVII. 249.
- NEOCOMIAN ROCKS, in geology, X. 357.
- NEO-LATIN, XX. 661.
- NEOLITHIC PERIOD, II. 337; remains in caves of, V. 268.
- NEOMENIÆ, order of Mollusca, XVI. 641.
- NEOPENTANE, paraffin, V. 558.
- NEOPHYTE, in the ancient church, XVII. 332.
- NEOPLATONISM, school of philosophy, XVII. 332; I. 500; XII. 602; ethics of, VIII. 587; its mystical character, XVII. 130; in relation to Manichæism, XV. 481; of Origen, XVII. 841.
- NEOPTOLEMUS, in Greek legend, XVII. 339.
- NEOPYTHAGOREANISM, philosophical doctrine, XX. 139.
- NEO-SYRIAC DIALECTS, XXI. 649.
- NEOTOMA, genus of rodent mammals, XVII. 6.
- NEOTROPICAL REGION, in zoology, VII. 273.
- NEPAL, or Nepaul, independent state, Asia, XVII. 340; XI. 822; birds of, III. 761.
- NEPEAN ISLAND, South Pacific, XVII. 537.
- NEPENTHES, genus of plants, XIII. 138.
- NEPHALISTS, temperance reformers, XIV. 688.

- NEPHALIS VULGARIS, species of leeches, XIV. 405.
 NEPHELINE, mineral, X. 228; XVI. 412.
 NEPHIN, mountain, Ireland, XV. 650.
 NEPHRITE, mineral, XIII. 539; XVI. 417.
 NEPTHYS, Egyptian divinity, VII. 717.
 NEPOKO, river, Central Africa, XXIV. 764.
 NEPOMUK, St John of, XIII. 718.
 NEPOS, Cornelius, Roman historian, XVII. 345.
 —, Julius, Roman emperor, XVII. 345.
 NEPTUNE, Roman god (the Greek Poseidon), XVII. 345; temple of, at Rome, XX. 827.
 —, planet, II. 782, 813; XIV. 487; as affected by tidal friction, XXIII. 380.
 NEPTUNIST THEORY, geological, XXIV. 502.
 NÉRAC, town, France, XVII. 345.
 NERBUDDA, river, India, XVII. 345; IV. 21.
 NEREIDS, of Greek legend, XVII. 346.
 NEREIS, genus of Annelida, II. 65.
 NEREUS, of Greek legend, XVII. 346.
 NERGISI, Turkish writer, XXIII. 656.
 NERI, Philip, Florentine ecclesiastic, XVII. 346, 85; IX. 334.
 NERITINA, genus of snails, XXII. 188.
 NERIUM, genus of plants, XVII. 759.
 NERO, Roman emperor, XVII. 347; XX. 772, 775; as antichrist, II. 125; reference to, in the Apocalypse, XX. 499; golden house of, at Rome, XX. 829.
 —, lake, Russia, XXIV. 731.
 NEROPHIS, genus of fishes, XIX. 112.
 NERTCHINSK, town, Siberia, XVII. 351.
 —, or Nertchinskiy Zavod, town and silver mine, Siberia, XVII. 352.
 NERUDA, Jan, Bohemian poet, XXII. 152.
 NERULOS, J. R., modern Greek dramatist, VII. 419.
 NERVA, Roman emperor, XVII. 352; his adoption of Trajan, XXIII. 502.
 NERVES, XIX. 23; I. 880; diseases of, XVIII. 390; XXIII. 678; repair of, XVIII. 367; of the Crustacea, VI. 636; Sir Charles Bell on, III. 541. See also Nervous System.
 NERVOUS DISEASES, XVIII. 390; XXIII. 678.
 NERVOUS SYSTEM, XIX. 8, 23; anatomy of, I. 858, 863; in relation to blood circulation, XXIV. 109; locomotor ataxy of, II. 826; magnetic phenomena in, XV. 277; of lower animals, XXIV. 183; of birds, III. 724; of earthworm, XXIV. 678; of fishes, XII. 650; of mammals, XV. 366; of molluscs, XVI. 636; of reptiles, XX. 459; Bonnet's theory of, IV. 35.
 NERVOUS TISSUES, of animals, XII. 9.
 NESHAPUR, town, Persia, XVII. 514.
 NESOKIA, genus of rodent mammals, XVII. 5.
 NESOMYS, genus of rodent mammals, XVII. 6.
 NESS, Loch, Scotland, XIV. 217; XXI. 526.
 NESSELRODE, Charles Robert, Count, Russian diplomatist, XVII. 353.
 NESSLER'S REAGENT, compound of mercury, XVI. 34.
 NEST, NESTS, of birds, III. 771; edible, XXII. 760; of weaver-birds, XXIV. 463; of wasps, XXIV. 391.
 NESTE D'AURE, river, France, XX. 127.
 NESTEIA, Greek festival, XXIII. 295.
 NESTOR, in Greek legend, XVII. 354.
 —, Russian chronicler, XVII. 354; XXI. 103.
 —, bird, XVII. 354; XVIII. 323.
 NESTORIAN INSCRIPTION, at Se-gan Foo, China, XXI. 622.
 NESTORIANS, Eastern religious sect, XVII. 357; XXII. 829; Nestorianism, XI. 155; XIII. 671; XVII. 356.
 NESTORIUS, patriarch of Constantinople, XVII. 355; his conflict with Cyril, VI. 752.
 NESZAWA, town, Russian Poland, XXIV. 375.
 NET, NET-MAKING, XVII. 358; for sea fishing, IX. 247.
 NETHERLANDS, or Holland (*q.v.*), XII. 59; connexion of, with Belgium, III. 526; Presbyterian Church of, XIX. 696; under Don John of Austria, XIII. 717; relations with Spain, XXII. 328, 332; struggle against Philip II., XVIII. 744.
 NETHINIM, in the temple at Jerusalem, XIV. 488.
 NÉTHOU, Mont, France, IX. 505; XX. 125.
 NETLEY, England, Army medical school at, II. 586.
 NETS, XVII. 358; IX. 247.
 —, Torpedo, XXIII. 451.
 NETSCHER, Gaspar, German painter, XVII. 360.
 NETTESHEIM, Henry Cornelius von, German philosopher, I. 418; on scepticism, XXI. 382.
 NETTING, or Net-making, XVII. 359.
 NETTIUM, subgenus of birds, XXIII. 105.
 NETTLE, plant, XVII. 360.
 NETTLE-CREEPER, bird, XXIV. 553.
 NETTLEFOLD'S LOCK, XIV. 748.
 NETTLERASH, skin disease, XVII. 360; XXII. 122.
 NETTLE TREE, XVII. 360; XI. 360.
 NETUM (Noto), ancient town, Sicily, XVII. 597.
 NEUBER, Friderica C., German dramatist, VII. 441.
 NEU-BRANDENBURG, town, Germany, XVII. 360.
 NEUBURG, town, Bavaria, XVII. 361.
 NEUCHÂTEL, canton, Switzerland, XVII. 361; XXII. 794.
 —, town, Switzerland, XIII. 781; XVII. 361; observatory at, XVII. 713.
 —, Lake of, Switzerland, XVII. 361; XXII. 777; lake-dwellings in, XIV. 224.
 NEUDORF (Iglo), town, Hungary, XII. 700.
 NEUENAHN, spa, Germany, XVI. 435.
 NEUENBURG (Neuchâtel, *q.v.*), canton, Switzerland, XVII. 361.
 NEUFCHÂTEL (Neuchâtel, *q.v.*), canton and town, Switzerland, XVII. 361, 362.
 NEUHÄUSEL, town, Hungary, XVII. 362.
 NEUHOF, Theodor, Baron von, courtier and adventurer, XVII. 362.
 NEUILLY-SUR-SEINE, town, France, XVII. 362.
 NEUMANN, Carl Friedrich, German Orientalist, XVII. 362.
 —, Franz Ernst, his method of electric induction, VIII. 76.
 —, J., his transformation theorem in magnetism, XV. 248.
 —, Wilhelm, friend of Neander, XVII. 304.
 NEUMARKT, town, Hungary, XVII. 538.
 NEU-MÜNSTER, town, Prussia, XVII. 363.
 NEUNKIRCHEN, town, Prussia, XVII. 363.
 NEURALGIA, disease, XVII. 363; XVIII. 390; as due to malaria, XV. 317.
 NEURI, Scythian race, XXI. 575.
 NEURINE, nitrogenous carbon compound, XVII. 520.
 NEURO-HYPNOTISM, mesmerism, XV. 278.
 NEUROKERATIN, horny matter in nerves, XIX. 24.
 NEUROPTERA, order of insects, XIII. 151.
 NEUROTIC POISONS, XIX. 278.
 NEU-RUPPIN, town, Prussia, XVII. 364.
 NEU-SANDEC, town, Galicia, Austria, XVII. 364.
 NEUSATZ, town, Hungary, XVII. 365.
 NEUSIEDLER SEE, lake, Hungary, III. 117; XII. 362.
 NEUSOHL, town, Hungary, XVII. 365.
 NEUSS, town, Rhenish Prussia, XVII. 365.
 NEUSTADT, town, Austria, XVII. 365.
 —, district and town, Germany, XXI. 349.
 —, town, Prussian Silesia, XVII. 365.
 NEUSTADT-AN-DER-HAARDT, town, Bavaria, XVII. 365.
 NEUSTADT-EBERSWALDE, town, Brandenburg, Prussia, XVII. 366.
 NEUSTADT-HARZBURG, town, Brunswick, Germany, XI. 508.
 NEU-STETTIN, town, Prussia, XVII. 366.
 NEU-STRELITZ, town, Mecklenburg, Germany, XVII. 366.

- NEUSTRIA, kingdom of the Franks, IX. 530; X. 477; XVII. 538.
- NEUTER INSECTS, III. 484; XIII. 146.
- NEU - TITSCH, town, Moravia, Austria, XVII. 366.
- NEUTRA, town, Hungary, XVII. 366.
- NEUTRALITY, International law of, XIII. 195; XIX. 766.
- NEU-ULM, town, Württemberg, XXIII. 720.
- NEUWIED, town, Rhenish Prussia, XVII. 366.
- NEVA, river, Russia, XVII. 366; III. 294; XXI. 190.
- NEVADA, State, U.S.A., XVII. 367; mines of, XVI. 470; XXIII. 815.
- , mountain, Peru, XVIII. 672.
- , Sierra, mountains, Spain, XXII. 294.
- NEVADO DE TOLUCA, mountain, Mexico, XXIII. 437.
- NEVAYI, Mir Ali Shir, Ottoman poet, XXIII. 656.
- NEVEL, town, Russia, XXIV. 262.
- NEVERS, town, France, XVII. 368, 496; its enamelled pottery, XIX. 629.
- NEVIANSK, town, Russia, XVII. 369; XVIII. 550.
- NEVIL, or Neville, Richard, earl of Warwick, XXIV. 381; VII. 685; VIII. 327, 328.
- NEVILLE'S CROSS, England, Battle of (1346), XXI. 489.
- NEVIRNUM (Nevers), ancient town, France, XVII. 369.
- NEVIS, island, West Indies, XVII. 369; XXI. 159.
- , Ben, mountain, Scotland, XIII. 199.
- NEVO (Ladoga), lake, Russia, XIV. 199.
- NEW ALBANY, town, Indiana, U.S.A., XVII. 369; XV. 23.
- NEWALL'S OBSERVATORY, Gateshead, England, XVII. 711.
- NEW AMSTERDAM, island, Indian Ocean, XXI. 189.
- NEW AMSTERDAM, town, British Guiana, XI. 251.
- NEW ARCHANGEL, village, Alaska, I. 444.
- NEWARK, town, England, XVII. 369.
- , town, New Jersey, U.S.A., XVII. 370.
- , town, Ohio, U.S.A., XVII. 371.
- , Lord (David Leslie), Scottish general, XVII. 371.
- CASTLE, Selkirkshire, Scotland, XXI. 638.
- NEWARK-UPON-TRENT, or Newark, town, England, XVII. 369.
- NEWARS, Nepalese race, XVII. 341.
- NEW BATH GUIDE, by Anstey, II. 93.
- NEW BEDFORD, town, Massachusetts, U.S.A., XVII. 371.
- NEW BERNE, or Newbern, town, North Carolina, U.S.A., XVII. 372.
- NEWBERYITE, mineral, XVI. 404.
- NEWBRIDGE, town, Ireland, XIV. 73.
- (Pontypridd), town, Wales, XIX. 460.
- NEW BRIGHTON, town, New York, U.S.A., XVII. 372.
- NEW BRITAIN, island, South Pacific, XVII. 372; XV. 835.
- NEW BRITAIN, town, Connecticut, U.S.A., XVII. 372.
- NEW BRUNSWICK, province, Canada, XVII. 373.
- NEW BRUNSWICK, town, New Jersey, U.S.A., XVII. 375.
- NEWBURG, or Newburgh, town, New York, U.S.A., XVII. 375.
- NEWBURGH, William of, early English writer, XXIV. 585.
- NEWBURY, town, England, XVII. 375.
- NEWBURYPORT, town, Massachusetts, U.S.A., XVII. 375.
- NEW CALEDONIA, island, South Pacific, XVII. 376; IX. 526; XV. 835; mines of, XVI. 472; nickel ores of, XVII. 488.
- NEW CASTILE, province, Spain, XXII. 298.
- NEWCASTLE, or Newcastle-upon-Tyne, town, England, XVII. 377; High Level bridge at, IV. 337; college of physical science, XXIII. 853; libraries, XIV. 521, 544; newspapers, XVII. 421.
- , town, Ireland, XIV. 649.
- , town, New South Wales, XVII. 379, 408.
- , Duchess of (Margaret Lucas), XVII. 380.
- , Dukes of, XVII. 380.
- , Thomas P. Holles, duke of, English minister, XVII. 381; VIII. 356.
- NEW CASTLE, town, Pennsylvania, U.S.A., XVII. 380.
- NEWCASTLETON, town, Scotland, XXI. 34.
- NEWCASTLE-UNDER-LYME, town, England, XVII. 380.
- NEWCASTLE-UPON-TYNE, or Newcastle (q.v.), town, England, XVII. 377.
- NEW CHURCH, The, of Swedenborg, XXII. 759.
- NEW-CHWANG, town, China, XVII. 381.
- NEWCOMB, Simon, his theorems in non-Euclidean geometry, XV. 664; on the nebular theory, XVII. 311.
- NEWCOMEN, Thomas, inventor of steam-engine, XVII. 382; XXII. 474; XXIV. 412.
- NEWCOMES, The, by Thackeray, XXIII. 216.
- NEW CRATYLUS, Donaldson's work, VII. 357.
- NEW ENGLAND, north-eastern portion of United States, XVII. 382; colonization of, XXIII. 729; founders of, XII. 726.
- NEW EPHEBUS (Scala Nova), seaport, Asia Minor, XXI. 361.
- NEW FOREST, England, IX. 399; XI. 430.
- NEWFOUNDLAND, British colony, North America, XVII. 382; discovery of, IV. 622; Banks of, III. 17; fisheries, IX. 266; seal fisheries, XXI. 582.
- DOG, VII. 327.
- NEW GALLOWAY, town, Scotland, XIV. 98.
- NEWGATE PRISON, London, XIV. 834, 842.
- NEW GEORGIA, one of the Solomon Islands, South Pacific, XXII. 252.
- NEW GLASGOW, town, Nova Scotia, XVII. 603.
- NEW GRANADA, region, South America, XVII. 386; VI. 156; revolt of, from Spain, I. 710; liberation of, by Bolivar, IV. 8.
- NEW GUINEA, island, Australasia, XVII. 386; II. 687; birds of, III. 739; language, XVIII. 231, 780; taboo system in, XXIII. 17.
- NEW HAMPSHIRE, State, U.S.A., XVII. 390; newspapers of, XVII. 434; colony of, XXIII. 730.
- NEW HARMONY, Indiana, U.S.A., Owen's community at, XVIII. 88.
- NEWHAVEN, town, England, XVII. 393; XXII. 725.
- , village, Scotland, XIV. 431.
- NEW HAVEN, town, Connecticut, U.S.A., XVII. 394.
- NEW HEBRIDES, islands, Pacific Ocean, XVII. 395; XV. 835.
- NEW HOLLAND (Australia), III. 103.
- NEW IRELAND, island, South Pacific, XVII. 372.
- NEWJANSKITE, mineral, XVI. 383.
- NEW JERSEY, State, U.S.A., XVII. 396; newspapers of, XVII. 434; colony of, XXIII. 730; Penn's constitution for, XVIII. 494.
- NEW JERUSALEM, of the Apocalypse, XVI. 316.
- NEW JERUSALEM CHURCH, Swedenborgian, XXII. 760.
- NEW-KOW, town, China, XVII. 381.
- NEW LANARK, Scotland, Robert Owen's factory at, XVIII. 87.
- NEW LEBANON, Shaker settlement, U.S.A., XXI. 737.
- NEWLISTON HOUSE, Linlithgowshire, Scotland, XIV. 670.
- NEW LONDON, town, Connecticut, U.S.A., XVII. 399.
- NEW LOTS, town, Long Island, New York, U.S.A., XIV. 866.
- NEW MALDEN, town, England, XXII. 694.
- NEWMAN, Edward, on birds, XVIII. 31.
- , John Henry, Hymns by, XII. 595.
- NEWMARKET, town, England, XVII. 399; horse-races at, IV. 728; XII. 202.
- NEW MEXICO, Territory, U.S.A., XVII. 399.
- NEW MILLS, town, England, XVII. 402.
- NEW MOON, Jewish festival, XXI. 125.

- NEW NETHERLAND (New York), Dutch settlement, America, XVII. 454.
- NEW NORCIA, mission station, Western Australia, XXIV. 508.
- NEW ORKNEY ISLANDS, Antarctic Ocean, XVII. 407.
- NEW ORLEANS, town, Louisiana, U.S.A., XVII. 402; XV. 22; battle of (1815), XXIII. 760.
- NEW PLYMOUTH, town, New Zealand, XVII. 405.
- NEWPORT, town, Isle of Wight, England, XVII. 405; representation of, XXIV. 562.
- , town, Monmouthshire, England, XVII. 405.
- , town, Pembrokeshire, Wales, XVIII. 482.
- , town, Kentucky, U.S.A., XVII. 406.
- , town, Rhode Island, U.S.A., XVII. 406; XX. 524.
- NEW PROVIDENCE, island, Bahamas, III. 237.
- NEW RIVER, Herts and Middlesex, England, XI. 771; XVI. 279.
- NEW ROSS, town, Ireland, XVII. 407.
- NEW RUSH, town, South Africa, XIV. 77.
- NEWRY, town, Ireland, XVII. 407.
- NEW SALLEE, town, Morocco, XX. 192.
- NEW SARUM, town, England, XXI. 218.
- NEW SCOTLAND, district, Transvaal, XXIII. 518.
- NEW SHOREHAM, town, England, XXII. 724.
- NEW SIDE, Presbyterian denomination, United States, XIX. 698.
- NEWS-LETTERS, XVII. 413.
- NEW SOUTH SHETLAND, islands, Antarctic Ocean, XVII. 407.
- NEW SOUTH WALES, Australia, XVII. 407; III. 114; mines of, XVI. 471; ruby mines, XXI. 48; newspapers, XVII. 437; railways, XX. 252.
- NEWSPAPER PRESS, Laws relating to, XIX. 710.
- NEWSPAPERS, XVII. 412; copyright in, VI. 362; numbers posted, XIX. 571; printing of, XXIII. 703, 709; registration of, XX. 344; reporting for, XX. 404; XXI. 841.
- NEWSTEAD ABBEY, Nottinghamshire, England, XVII. 599.
- NEWT, amphibian, I. 751; XXIII. 577.
- NEW TESTAMENT, III. 641; Greek of, XI. 135, 147; canon of, V. 7; Alford's edition of, I. 505; Bengel's, III. 571; Erasmus's, VIII. 517; Estienne's, XXII. 535; Griesbach's, XI. 194; Lachmann's, XIV. 25; Mill's, XVI. 307; Tischendorf's, XXIII. 409; Tregelles's, XXIII. 535; Wetstein's, XXIV. 520; Beza's translation, III. 625; Tyndale's, XXIII. 675. See also Bible.
- NEWTON, town, U.S.A., XVII. 438.
- , B. Wills, Plymouthist, XIX. 238.
- , George, English divine, I. 582.
- , Sir Isaac, English natural philosopher, XVII. 438; president of the Royal Society, XXI. 39; his applications of algebra, I. 515; his contributions to astronomy, II. 755; on the mutual attraction of bodies, III. 63; on infinitesimal calculus, XIII. 8; his law of cooling, XX. 129; his electrical experiments, VIII. 4; on the formation of gases, V. 461; his discovery of the law of gravitation, III. 63, 64; XI. 70; on light, XIV. 579, 590; on the lunar theory, XVI. 800; on laws of magnetism, XV. 236; his laws of motion, XV. 676; on the motions of water, XII. 436; his coloured rings, XIV. 609; his sextant, XXI. 724; his telescope, XXIII. 137, 145; on tides, XXIII. 355; on the velocity of waves, I. 103.
- NEWTON, John, English divine and hymn-writer, XVII. 449; hymns by, XII. 594.
- , John, author of logarithmic tables, XXIII. 10.
- ABBOT, town, England, XVII. 449.
- BUSHEL, town, England, XVII. 449.
- NEWTONIAN GLOBE, X. 685.
- NEWTON-LE-WILLOWS, town, England, XVII. 449.
- NEWTON-ON-AYR, suburb of Ayr, Scotland, III. 165.
- NEWTON STEWART, town, Scotland, XXIV. 563.
- NEWTOWN, town, Wales, XVII. 450.
- , town, Long Island, New York, U.S.A., XIV. 866.
- , suburb of Sydney, New South Wales, XVII. 450.
- NEWTOWNARDS, town, Ireland, XVII. 450.
- NEW UTRECHT, town, Long Island, New York, U.S.A., XIV. 866.
- NEW WAY TO PAY OLD DEBTS, Mas-singer's play, XV. 619.
- NEW WINDSOR, town, England, XXIV. 600.
- NEW YEAR'S DAY, XVII. 450.
- NEW YORK, State, U.S.A., XVII. 450; colony of, XXIII. 730; claim of, to western territory, XXIII. 746.
- NEW YORK, principal city of United States, XVII. 457; libraries of, XIV. 536, 550; Astor library, II. 737; newspapers, XVII. 434; police system, XIX. 341; elevated railroads, XX. 240; stock exchange, XXII. 557; Madison Square theatre, XXIII. 225; tramways, XXIII. 506; Croton aqueduct tunnel, XXIII. 620; Hudson River tunnel, XXIII. 623; waterworks, II. 223.
- NEW YORK HERALD, newspaper, III. 574.
- NEW ZEALAND, islands, Australasia, XVII. 466; birds of, III. 742; XVIII. 16; extinct birds, III. 731; coalfields, VI. 60; marine fishes, XII. 681; forests, IX. 407; geysers, X. 558; gold, X. 744; mines, XVI. 471; newspapers, XVII. 437; post-office, XIX. 578; railways, XX. 253; university, XXIII. 856; taboo system amongst Maories of, XXIII. 16.
- NEW ZEALAND FLAX, XVIII. 812.
- NEXAL CONTRACT, in Roman law, XX. 693.
- NEY, Michel, French marshal, XVII. 471.
- NEZIKIM, part of Mishnah, XVI. 505.
- NEZ PERCÉS, American-Indian tribe, XII. 833.
- NGAMI, Lake, Africa, Discovery of, by Livingstone, I. 247.
- NGATKONS, Tungus tribe, Siberia, XXIII. 608.
- NGOKO, Javanese language, XIII. 608.
- NGORNU (Angorno), town, Central Africa, II. 45; IV. 61.
- NGUNIE, river, Africa, XVII. 733.
- NGUYEN DZO, king of Tong-King, XXIII. 440.
- NIAGARA, river and cataract, North America, XVII. 472; IV. 769; XXI. 180; suspension bridge across, IV. 338.
- FALLS, town, New York, U.S.A., XVII. 473.
- NIAL, Norse saga, XII. 624.
- NIALL, Irish king, XIII. 246.
- NIAM-NIAM, Central-African race, XVII. 473, 319.
- NIAS ISLANDS, Sumatra, XXII. 638, 639.
- NIBELUNGENLIED, Old German epic poem, XVII. 474; X. 524; XIX. 269; XX. 657.
- NICÆA, town, Asia Minor, XVII. 476; III. 793; council of (325), II. 538; VI. 560; XIX. 490.
- , Empire of, XI. 119.
- , Lake of, II. 709.
- (Nice), ancient town, France, XVII. 481.
- NICÆAN CREED, VI. 560.
- NICANDER, Greek poet, XVII. 476.
- NICARAGUA, state, Central America, XVII. 477; interoceanic canal through, I. 715; IV. 793; Indian tribes of, XII. 828.
- , Lake, Central America, XVII. 477, 478.
- NICASTRO, town, Italy, XVII. 480.
- NICATOR, Demetrius II., king of Syria, VII. 58.
- NICCOLA PISANO, Italian sculptor and architect, XIX. 123.
- NICCOLINI, Giambattista, Italian dramatist, VII. 417; XIII. 514.
- NICE, town, Bithynia, Asia Minor, XVII. 476.
- , town, France, XVII. 480; observatory at, XVII. 712; cession of, to France, IX. 624; XIII. 490.
- NICENE CREED, VI. 560.
- NICEPHORION, sacred enclosure at Pergamum, XVIII. 527.

- NICEPHORIUM, town, Mesopotamia, XVI. 48.
- NICEPHORUS I., Byzantine emperor, XVII. 481.
- II.—III., Byzantine emperors, XVII. 482.
- BRYENNIUS, Byzantine historian, IV. 613.
- CALLISTI, Greek ecclesiastical historian, XVII. 482.
- GREGORAS, Byzantine historian, IV. 613; XI. 145.
- PATRIARCHA, Byzantine historian, XVII. 482.
- NICETAS of Syracuse, on astronomy, II. 747.
- ACOMINATUS, Byzantine historian, IV. 613.
- NICHE, in architecture, II. 468.
- NICHOLAS, St. of Myra, Greek bishop and saint, XVII. 483.
- I., the Great, pope, XVII. 483; XIX. 496.
- II., pope, XVII. 483; XIX. 498; XX. 791.
- III., pope, XVII. 484; XIII. 475; XX. 798.
- IV., pope, XVII. 484; XX. 798.
- V., pope, XVII. 484; XIII. 480; XIX. 503; XX. 806; policy of, XX. 381.
- V., antipope, XVII. 484; XIII. 712.
- I., czar of Russia, XVII. 485; XXI. 101.
- IV., Prince Eszterhazy, VIII. 564.
- of Basel, mystic, XVII. 486, 133.
- of Padua, romancist, XX. 626.
- ALEMANNI, editor of Procopius, XXIII. 276.
- DE CLÉMENGES, on corruptions in the church, XX. 320.
- JOSEPH, Prince Eszterhazy, VIII. 564.
- NICKLEBY, Dickens's novel, VII. 176.
- NICHOLS, John, English antiquary, XVII. 486.
- , or Nicolls, Colonel Richard, governor of New Jersey, U.S.A., XVII. 398, 455.
- NICHOLSON, William, English natural philosopher, XVII. 487.
- , William, English painter, XVII. 487.
- NICIAS, Athenian general, XVII. 487; XXII. 814.
- NICKEL, metal, XVII. 487; as chemical element, v. 535; cyanide of, XX. 23; in iron, XIII. 284; magnetization of, xv. 256, 261; mines, in New Caledonia, XVII. 376; ores of, XVI. 58.
- , Goswin, general of the Jesuits, XIII. 654.
- NICKELERZ, mineral, XVI. 404.
- NICKEL IRON, of Ovikak, XVI. 113.
- NICKELITE, mineral, XVI. 392.
- NICKEL OCHRE, mineral, XVI. 404.
- NICKEL SILVER, VI. 351; x. 446.
- NICOBARS, islands, Bay of Bengal, XVII. 489; II. 685; birds of, III. 761.
- NICOL, William, Scottish natural philosopher, XVII. 489; his prism of Iceland spar, IV. 653; VI. 676; XIV. 612.
- NICOLAI, Christoph Friedrich, German author and bookseller, XVII. 489; x. 534.
- , Philip, German hymn-writer, XII. 586.
- NICOLAIEFF (Nikolaieff), town, Russia, XVII. 503, 714.
- NICOLAS, or Nicholas, of Basel, mystic, XVII. 486, 133.
- , or Nicolaus, of Cusa, scholastic philosopher and mystic, VI. 728; XVII. 134; XX. 323; XXI. 431.
- of Hereford, English Biblical translator, VIII. 383.
- , Henry, leader of Familist sect, VI. 844.
- , Sir Nicholas Harris, English antiquary, XVII. 489.
- NICOLE, Pierre, Port-Royalist, French scholar, XVII. 490.
- NICOLETTO (Niccolo Cassana), Italian painter, v. 182.
- NICOLLS, or Nichols, Colonel Richard, deputy governor, New York, XVII. 398, 455.
- NICOLO, stone, XVII. 776.
- NICOMACHEAN ETHICS, of Aristotle, II. 517; VIII. 583.
- NICOMEDES I.—III., kings of Bithynia, XVII. 490.
- NICOMEDIA, or Nicomedeia, town, Asia Minor, XVII. 490; III. 793; XV. 143.
- NICOPIA (Nyköping), ancient town, Sweden, XVII. 688.
- NICOPOL, town, Russia, XVII. 504.
- NICOPOLI, town, Bulgaria, XVII. 504.
- NICOPOLIS, town, Asia Minor, XVII. 491.
- , town, Egypt, XVII. 491.
- , town, Epirus, Greece, XVII. 490.
- , town, Thrace, XVII. 491.
- NICOSIA, town, Cyprus, XVII. 491.
- , town, Italy, XVII. 491.
- NICOT, Jean, introducer of tobacco, XXIII. 423.
- NICOTIANA, genus of plants, XXIII. 423.
- NICOTINE, volatile vegetable alkaloid, XXIII. 425.
- NIDA, river, Russian Poland, XIX. 307.
- NIDAROS (Thronhjøm), ancient town, Norway, XXIII. 321.
- NIDDRY CASTLE, Linlithgowshire, Scotland, XIV. 670.
- NIDIFICATION, of birds, III. 771.
- NIDRA (Hydra), island, Greece, XII. 430.
- NIDWALD, district, Switzerland, XXII. 781, 794; XXIII. 858.
- NIEBUHR, Barthold Georg, Danish historian of Rome, XVII. 491; his relations with Bunsen, IV. 522.
- NIEBUHR, Karsten, Danish Eastern traveller, XVII. 493.
- NIEDER-BEUTHEN, town, Germany, III. 621.
- NIEDERHERMSDORF, town, Prussia, XI. 752.
- NIEDERINGELHEIM, town, Germany, XIII. 73.
- NIEDERWYL, Switzerland, Lake-dwellings at, XIV. 223.
- NIEJIN (Niezhin), town, Russia, XVII. 496.
- NIELLO, in metal-work, XVII. 494; IX. 215; VIII. 439; XIII. 81.
- NIEMCEWICZ, Julian Ursin, Polish writer, XVII. 495; XIX. 303.
- NIEMEN, river, Russia and Germany, III. 294; XIX. 307; XXI. 73.
- NIEPCE, Joseph Nicéphore, French chemist, XVII. 495; his contributions to photography, VI. 761; XVIII. 822.
- DE ST VICTOR, Claude F. A., his contributions to photography, XVII. 495; XVIII. 824.
- NIEREMBERG, Juan E., on birds, XVIII. 4, 15.
- NIEUPORT, Belgium, Battle of (1600), XII. 78.
- NIEUWENTYT, Bernard, Dutch philosopher, XVIII. 182.
- NIEUWLAND, Pieter, Dutch writer, XII. 96.
- NIEVES, town, Mexico, XXIV. 761.
- NIÈVRE, department, France, XVII. 495.
- NIEZHIN, town, Russia, XVII. 496.
- NIGANTHA NATA-PUTTA, Jain leader, India, XIII. 544.
- NIGER, river, Africa, XVII. 496; I. 253; XXIII. 391.
- , C. Pescennius, Roman governor of Syria, XVII. 498; XXI. 699.
- , Petrus, Swedish chronicler, XXII. 754.
- OIL, XVII. 744, 746.
- NIGHT-HERON, bird, XI. 762.
- NIGHTINGALE, bird, XVII. 498; its distribution, III. 756.
- ISLAND, South Atlantic, XXIII. 576.
- NIGHTJAR, bird, x. 711.
- NIGHTMARE, regarded as a demon, VII. 62.
- NIGHTSHADE, plant, XVII. 499, 231; III. 543.
- NIGHTSOIL, as manure, I. 349.
- NIGHT THOUGHTS, Young's poem, XXIV. 755.
- NIGIDALS, Tungus tribe, Siberia, XXIII. 608.
- NIGRITIA, or Soudan (q.v.), Central Africa, XXII. 277.
- NIHILISM, Russian revolutionary movement, XXI. 102; XXII. 217.
- NIHON, name for Japan, XIII. 569.
- NIHONGI, Japanese record, XIII. 587.
- NIHON GUAISHI, Japanese history, XIII. 587.

- NIGATA, town, Japan, XVII. 499; XIII. 578.
- NIHAU, island, Hawaiian group, Pacific, XI. 532.
- NIJAR, town, Spain, XVII. 500.
- NIJNE-DYEVITSK, town, Russia, XXIV. 298.
- NIJNE-TAGHILSK, town, Russia, XVII. 500; XVIII. 550.
- NIJNE-TCHIRSKAYA, town, Russia, XVII. 500.
- NIJNI-LOMOFF, town, Russia, XVII. 500; XVIII. 515.
- NIJNI-NOVGOROD, government, Russia, XVII. 500; XXI. 69.
- , or Nijniy, town, Russia, XVII. 501.
- NIKA, insurrection (532), at Constantinople, XVII. 233; XXIII. 555.
- NIKITIN, Athanasius, Russian traveller, XXI. 103.
- , Ivan S., Russian poet, XXI. 107.
- NIKITINO, town, Russia, XXIII. 607.
- NIKITIN ROG (Nikopol), town, Russia, XVII. 504.
- NIKKO, town, Japan, XVII. 503; lake, XIII. 572.
- NIKOLAIEFF, town, Russia, XVII. 503; observatory at, XVII. 714.
- NIKOLAIEVSK, or Nikolaevsk, town, Russia, XVII. 504; XXI. 243.
- NIKOLAIEVSKAYA SLOBODA, village, Russia, XVII. 504.
- NIKOLAIEVSK - ON - THE - AMOOR, or Nikolayevsk, town, Siberia, XVII. 504; XV. 548.
- NIKOLO - UGRYESHSKIY, monastery, Moscow, Russia, XVI. 859.
- NIKOLSBURG, Moravia, Treaty of (1624), XII. 369.
- NIKOLSK, town, Russia, XXIV. 283.
- NIKOLSKOYE, town, Russia, XVIII. 54.
- NIKON, patriarch, Greek Church, Russia, XXI. 82, 105.
- NIKOPOL, town, Russia, XVII. 504.
- NIKOPOLI, town, Bulgaria, XVII. 504.
- NIKSAR, town, Asia Minor, XIX. 459.
- NIKSITCH, town, Montenegro, XVI. 781.
- NILE, river, Africa, XVII. 504; I. 252; VII. 705; Bruce's exploration of, IV. 393; Speke's, XXII. 390; in Ptolemy's geography, XX. 95.
- , Battle of the (1798), Egypt, I. 52; VIII. 363; XVII. 322.
- NILGIRI, state, India, XVII. 508.
- HILLS, India, XVII. 508; XII. 733; XV. 184, 187.
- NILOTIC GROUP, of Negroes, XVII. 319.
- NIMAR, district, Central Provinces, India, XVII. 509.
- NIMBUS, in sacred art, III. 89.
- , cloud, XVI. 127.
- NIMCHA, tribe, Kafiristan, Asia, XIII. 821.
- NIMEGUEN, town, Holland, XVII. 509; congress and peace of (1678), VI. 270; IX. 577; X. 502; XXII. 333.
- NIMES, town, France, XVII. 510; amphitheatre, I. 775; ruins of aqueduct, II. 220; synod of (1572), XIX. 693.
- NIMO NAMLING, mountain, Tibet, XXIII. 340.
- NIMPHIDIA, Drayton's poem, VII. 452.
- NIMROD, of Scripture, XVII. 511.
- (C. J. Apperley), sporting writer, II. 211.
- NIMROUD, or Nimrud, town of Babylonia, ruins, II. 398; XVII. 512; III. 183; arched tunnels at, XXIII. 623.
- NIMWEGEN, or Nimeguen, town, Holland, XVII. 509; peace of (1678), VI. 270; IX. 577; X. 502; XXII. 333.
- NINE MAIDENS, ancient remains, England, VI. 427; XXI. 51.
- NINE-PINS (Skittles), game, XXII. 125.
- NINETY MILE BEACH, Victoria, Australia, XXIV. 215.
- NINEVEH, ancient town, Assyria, XVII. 511; architectural remains of, II. 397; destruction of, XVIII. 563; ivories of, XIII. 523; libraries, XIV. 509; wall sculptures, XVII. 34.
- NING-PO, town, China, XVII. 513; V. 636.
- NINIAN, St, early British bishop, XVII. 513; as missionary in Scotland, XXI. 474.
- NINON DE LENCLOS, French adventuress, XIV. 445.
- NINUS, ancient town, Assyria, XVII. 511.
- , founder of Nineveh, XXI. 640.
- NINYAS, son of Semiramis, XXI. 640.
- NIN YUAN, town, Central Asia, XIV. 154.
- NIOBE, of Greek legend, XVII. 513; statue of, near Manisa, Asia Minor, XV. 98, 490.
- NIOBIUM, chemical element, XVII. 513; V. 539.
- NIOBRARA, river, Nebraska, U.S.A., XVII. 307.
- NIÖRD, in Northern mythology, I. 210.
- NIORT, town, France, XVII. 514.
- NIPAL, or Nepal, state, Asia, XVII. 340; III. 762; XI. 822.
- NIPA-NIPA, town, Philippine Islands, XVIII. 752.
- NIPPLES, Number of, in different animals, XVI. 301; abnormal, XVI. 763.
- NIPPOLDT, his electrical researches, VIII. 48.
- NIPPON, name for Japan, XIII. 569.
- NIRVANA, Buddhist doctrine of, IV. 433; XIII. 544.
- NISARD, Jean M. N. D., French critic, IX. 680.
- NISH, or Nisch, town, Servia, XVII. 514; XXI. 688.
- NISHAPUR, town, Persia, XVII. 514; XVIII. 627.
- NISHAVA, river, Servia, XXI. 686.
- NISIB, Syria, Battle of (1839), XXIII. 650.
- NISIBIS, town, Mesopotamia, XVII. 514; XVI. 48.
- NISIDA, island, Naples, XVII. 188.
- NISI PRIUS, in law, XVII. 515; II. 729.
- NISIR, mountain, Kurdistan, Asia, XIV. 156.
- NISMES, or Nimes (*q.v.*), town, France, XVII. 510.
- NISSA, or Nish, town, Servia, XVII. 514; XXI. 688.
- NIT, Egyptian divinity, VII. 718.
- NITENDI, island, New Hebrides, Pacific, XVII. 395.
- NITH, river, Scotland, VII. 526.
- NITHARD, J. E., Spanish minister, XXII. 333.
- NITHEROHI, town, Brazil, XX. 562.
- NITOCRIS, queen of Egypt, VII. 734.
- NITRATE OF SODA, XXII. 240; deposits of, in Bolivia, IV. 14; in Peru, XVIII. 675; use of, as manure, I. 353.
- NITRATES, in chemistry, XVII. 517; group of minerals, XVI. 396; as explosives, VIII. 807; of mercury, XVI. 33; of potash, XXI. 235; of silver, XXII. 71; of soda, XXII. 240 (see above); of strontia, XXII. 607.
- NITRATINE, mineral, XVI. 396.
- NITRE, mineral, XVI. 396.
- NITRIC ACID, V. 511; XVII. 518; as a poison, XIX. 277.
- NITROBENZOL, source of aniline, II. 48.
- NITROCALCITE, mineral, XVI. 396.
- NITROGEN, chemical element, XVII. 515; V. 509; determination of, V. 546; as constituent of manure, XV. 506; in ocean water, XXI. 612; as plant food, XIX. 49; its effect in steel, XIII. 283; spectrum of, XXII. 375; thermometric properties of, XI. 574.
- NITROGENOUS CARBON COMPOUNDS, XVII. 519.
- NITROGLYCERIN, in chemistry, XVII. 520; VIII. 800, 811; X. 699; as explosive, III. 809; VII. 583.
- NITROMAGNESITE, mineral, XVI. 396.
- NITROSO-BODIES, in chemistry, XVII. 519.
- NITROUS OXIDE GAS, as anæsthetic, I. 789.
- NITSCHMANN, David, Moravian bishop, XVI. 812.
- NITTANY, valley, Pennsylvania, U.S.A., XVIII. 499.
- NITZSCH, Christian Ludwig, on birds, XVIII. 18, 25.
- , Gregor Wilhelm, German philologist, XVII. 521; on the Homeric poems, XII. 117.
- , Karl Immanuel, German theologian, XVII. 521.
- , Karl Ludwig, German theologian, XVII. 521.
- NIUE, island, Polynesia, XIX. 421.
- NIVELLES, town, Belgium, XVII. 521; normal school at, III. 520.

- NIVOSE, Plot of (1800), against Napoleon, xvii. 206.
- NIZAM, Mahratta title, India, xv. 291.
- , Territory of the, India, xii. 428.
- NIZAMI, Persian poet, xvii. 521; xviii. 657.
- NIZAM-ULMULK, Seljuk vizier, xvii. 771; xxi. 635.
- NKONDO, town, Loango, Africa, xiv. 743.
- NO, city of Scripture, vii. 776.
- , lake, Nile, Africa, xvii. 506.
- NOACOLLY, district, India, xvii. 524.
- NOAH, of Scripture, xvii. 523.
- PROPHECY, in book of Enoch, ii. 175.
- NOAH'S ARK, Resting place of, ii. 309.
- NOAH'S HILL, Kurdistan, Asia, xiv. 156.
- NOAILLES, distinguished French family, xvii. 523.
- , Louis Antoine, cardinal, xvii. 523; ix. 584.
- NOAKHALI, district, India, xvii. 524.
- NO-AMON, ancient city, Egypt, vii. 776.
- NOB, district, Nubia, xvii. 611.
- NOBATAE, Negro people, Nubia, xvii. 610.
- NOBBS, George Hunn, Pitcairn Islander, xix. 132.
- NOBEL, Alfred, his experiments on dynamite, vii. 583; his explosives, xvii. 521.
- NOBILES, Roman, new nobility, xx. 756.
- NOBILI, Leopoldo, Italian physicist, xvii. 524.
- NOBILITY, xvii. 524; xiv. 119; as distinguished from peerage, xviii. 458, 460; British, precedence of, xix. 661; Roman, xx. 756, 784, 791, 806.
- NOBLE, William, English musician, xvii. 89.
- NOBLEMAN, use of the word, xvii. 525.
- NOBLES, estate of the realm, United Kingdom, viii. 557.
- NOCERA INFERIORE, town, Italy, xvii. 530.
- NOCERA UMBRIA, town, Italy, xvii. 530.
- NO CROSS NO CROWN, Penn's work, xviii. 493.
- NOCTES AMBROSIANÆ, Wilson's, xxiv. 592.
- NOCTES ATTICÆ, of Aulus Gellius, x. 135.
- NOCTILIO, genus of bats, xv. 413.
- NOCTILUCA, genus of Protozoa, xix. 861.
- NODDY, bird, xvii. 531.
- NODE, of a curve, xxii. 669.
- NODIER, Charles, French writer, xvii. 531; ix. 676.
- NOETUS, early church presbyter, xvii. 531.
- NOGAIS, Tartar people, xxiii. 70.
- NOGOYA, town, Japan, xvii. 164.
- NOHLITE, mineral, xvi. 428.
- NOIRÉ, Ludwig, on evolution, viii. 769.
- NOIREAU, river, France, xviii. 1.
- NOIRMOUTIER, island, France, xvii. 531.
- NOIZET, J. F. G., his system of fortification, ix. 447, 463.
- NOLA, town, Italy, xvii. 532.
- NOLAN, Frederick, English flute-maker, xxiii. 521.
- NOLLEKENS, Joseph, English sculptor, xvii. 532; xxi. 560.
- NOLLE PROSEQUI, in law, xvii. 532.
- NOLLET, Jean Antoine, French physicist, xvii. 532; his electrical researches, viii. 6.
- NOLINSK, town, Russia, xxiv. 303.
- NOL. PROS., in law, xvii. 532.
- NOMADES, people, Numidia, xvii. 628.
- NOMANSLAND, Cape Colony, v. 41; xiii. 817.
- NOMENTUM, ancient town, Italy, xiv. 344.
- NOMES, territorial divisions of Egypt, vii. 701.
- NOMINALISM, philosophical system, xvi. 81; xx. 76; defence of, by Occam, xvii. 718; scholastic, xx. 848; xxi. 419.
- NOMOKHAM, Tibetan ruler, xxiii. 343.
- NOMUKA, island, South Pacific, ix. 779.
- NONACRIS, waterfall, Greece, xxii. 614.
- NON COMPOS MENTIS, in the law of insanity, xv. 780.
- NONCONFORMISTS, English, xii. 727; xvii. 533; Russian, xxi. 81, 105.
- NONCONFORMITY, Law relating to, xvii. 533; Baxter's influence on, iii. 457.
- NON-EPISCOPAL AMERICAN METHODISM, xvi. 192.
- NONES, in Roman calendar, iv. 665.
- NONETTE, river, France, xvii. 749.
- NON-INTERVENTION, political doctrine, xiii. 192; in relation to the balance of power, iii. 271.
- NON-INTRUSION CONTROVERSY, in Scotland, v. 376; ix. 744.
- NONIUS, or Vernier, xxiv. 169; xvii. 256; xxii. 718.
- (Pedro Nuñez), Portuguese cosmographer, xvii. 662, 252.
- NONJURORS, in English history, xvii. 533; viii. 378.
- NONNUS, Greek poet, xvii. 533.
- of Nisibis, Syriac writer, xxii. 846.
- NONOHAN, mountain, North Borneo, xxi. 123.
- NON-PALLIATA, section of Mollusca, xvi. 655.
- NONPAREIL, bird, xvii. 534.
- NON PLACET, in church legislation, xxiv. 208.
- NON-SUCTORIA, order of Protozoa, xix. 865.
- NONSUIT, in law, xvii. 534.
- NONTRONITE, mineral, xvi. 425.
- NOODT, Gerhard, Dutch jurist, xvii. 534.
- NOOTKA SOUND, Vancouver Island, North America, xxiv. 57.
- NOPH (Memphis), town, Egypt, xv. 847.
- NORBA CÆSAREA, ancient town, Spain, i. 458.
- NORD, department, France, xvii. 534.
- NORDALBINGIA, ancient German territory, xxi. 352, 415.
- NORDEN, Sir John, on land tenures, i. 297.
- NORDENFELDT MACHINE GUN, xi. 287.
- NORDENFLYCHT, Hedvig Charlotta, Swedish poetess, xxii. 756.
- NORDENSKJÖLD, Nils A. E., Swedish Arctic explorer, xix. 323; in Spitzbergen, xxii. 410.
- NORDEN'S MAP OF LONDON (1593), xiv. 847.
- NORDERNEY, island, East Friesland, Prussia, xvii. 535.
- NORDHAUSEN, town, Prussia, xvii. 535; xxi. 360.
- SULPHURIC ACID, v. 507.
- NORDHOFF, Charles, on communistic societies, vi. 216.
- NÖRDLINGEN, town, Bavaria, xvii. 535.
- , Heinrich von, German mystic, xvii. 133.
- NORE, river, Ireland, xx. 171.
- , Mutiny of the (1797), in British fleet, viii. 362.
- NOREIA (Neumarkt), ancient town, Hungary, xvii. 538.
- NORFOLK, county, England, xvii. 535; representation, xxiii. 727.
- , town, Virginia, U.S.A., xvii. 537.
- , Duke of, conspirator on behalf of Mary, queen of Scots, xv. 600.
- ISLAND, South Pacific, xvii. 537.
- PLOVER, bird, vi. 712.
- NORHACHI, Manchu chief, xv. 467.
- NORIA, Egyptian water-wheel, xii. 435.
- NORIC ALPS, i. 628.
- NORICUM, ancient country, Europe, xvii. 538.
- NORMAL SCHOOLS, of Belgium, iii. 520.
- NORMAN, Robert, discoverer of magnetic dip, xv. 221.
- ARCHITECTURE, in England, ii. 426.
- NORMANBY, Marquis of, English writer and politician, xvii. 538.
- NORMAN CASTLES, v. 197.
- NORMAN CONQUEST, of England, viii. 291; its influence on the English language, viii. 393.
- NORMANDY, district in north of France, xvii. 538; duchy of, xvii. 538; ix. 535, 537; English conquest of, viii. 301; separation of, from England, viii. 306; xiii. 714; under William I., xxiv. 575.

- NORMANDY'S APPARATUS, for distilling sea-water, VII. 263.
- NORMAN KINGS, of England, XXIV. 576.
- NORMANS, Scandinavian settlers in Normandy, etc., XVII. 547; conquest of Naples by, XVII. 191; of Malta, XV. 342; of Sicily, XXII. 25; their influence on the government of England, XVIII. 303; fusion of, with the English, VIII. 302; in Northumbria, XVII. 571; weapons of, II. 555.
- NORMAN SCULPTURES, XXI. 558.
- NORMANTON, town, England, XVII. 552.
- NORRBOTTEN, county, Sweden, XXII. 741.
- NORRIS, Edwin, on Cornish and Armoric dialects, V. 299.
- , John, English philosopher, XVII. 552; his criticism of Locke, XIV. 754.
- NORRISTOWN, town, Pennsylvania, U.S.A., XVII. 553.
- NORRKÖPING, town, Sweden, XVII. 553; XXII. 742.
- NORRLAND, division of Sweden, XXII. 736.
- NORSE LANGUAGE, XXI. 369.
- NORSE LITERATURE, XVII. 589.
- NORSEMEN, XVII. 547, 584; Arctic explorations of, XIX. 316; invasion of Ireland by, XIII. 251; invasion of Scotland by, XXI. 477; settlement of Orkney and Shetland by, XVII. 848.
- NORTH, Lord (Earl of Guildford), English politician, XVII. 553; VIII. 358; his relations with Pitt, XIX. 138.
- , Christopher (John Wilson), Scottish writer, XXIV. 591.
- , Sir Dudley, English economist, XVII. 554; XIX. 358.
- , Roger, English historian and biographer, XVII. 555.
- , Sir Thomas, translator of Plutarch's Lives, XVII. 555.
- ADAMS, town, Massachusetts, U.S.A., XVII. 555.
- NORTHALLERTON, town, England, XVII. 555.
- NORTH AMERICA, I. 669.
- NORTH AMERICAN REVIEW, XVIII. 544.
- NORTHAMPTON, county, England, XVII. 555; representation, XXIII. 727.
- , town, England, XVII. 557; treaty of (1328), XXI. 488.
- , town, Massachusetts, U.S.A., XVII. 558.
- , Earl of (Spencer Compton), English cavalier, XVII. 558.
- , Earl of (Henry Howard), English politician, XVII. 558.
- TABLE, of mortality, XIII. 169.
- NORTH AND SOUTH, by Mrs Gaskell, X. 105.
- NORTH BIERLEY, town, England, XVII. 558.
- NORTH BORNEO, British, XXI. 123.
- NORTH BRITON, Wilkes's newspaper, XXIV. 567.
- NORTHBROOK, Lord, governor-general of India, XII. 811.
- NORTH CAROLINA, State, U.S.A., XVII. 558; ruby mines of, XXI. 48.
- NORTHCOTE, James, English painter, XVII. 562.
- NORTHER, wind, in America, XVI. 149.
- NORTHERN LIGHTS, or Aurora, II. 787; III. 90; XVI. 177, 183.
- NORTHFLEET, town, England, XVII. 563.
- NORTH HEMPSTEAD, town, Long Island, New York, U.S.A., XIV. 866.
- NORTHMEN, Scandinavians, XVII. 547, 584, 848; as geographical discoverers, X. 178; Arctic explorations of, XIX. 316; invasion of Ireland by, XIII. 251; invasion of Scotland by, XXI. 477.
- NORTH POLE, XIX. 315; magnetic, XVI. 163.
- NORTH RIVER, New York, U.S.A., XII. 331.
- NORTH SEA, or German Ocean, XVII. 563.
- NORTH SHIELDS, town, England, XXIII. 675.
- NORTH SYDNEY, town, Nova Scotia, XVII. 603.
- NORTHUMBERLAND, county, England, XVII. 564; coalfield, VI. 51; representation, XXIII. 727.
- , Duke of (John Dudley), VII. 686.
- , Duke of (Hugh Smithson), XVIII. 523.
- , Earls of, XVIII. 523.
- , Kingdom of, in Anglo-Saxon England, XVII. 568; VIII. 270; XXI. 475; under Edwin, VII. 691.
- NORTH-WESTERN PROVINCES, The, India, XVII. 571.
- NORTH-WEST PASSAGE, Discovery of, X. 184; search for, I. 715; IX. 720.
- NORTH-WEST TERRITORY, British North America, XVII. 573.
- NORTHWICH, town, England, XVII. 574.
- NORTON, Caroline Elizabeth, English woman of letters, XVII. 574.
- , Sir Fletcher, English barrister, XXIII. 332.
- NORWALK, town, Connecticut, U.S.A., XVII. 574.
- , town, Ohio, U.S.A., XVII. 574.
- NORWAY, country, Europe, XVII. 575; its union with Sweden (1397), XXII. 743, 746; separation from Sweden (1523), XXII. 747; reunion with Sweden (1814), XXII. 752; the Reformation in, XX. 336; birds of, XVIII. 17; church, VIII. 491; coins, XVII. 658; fisheries, IX. 267; forests, IX. 399; language, XXI. 369; Lapps, XIV. 306; libraries, XIV. 532, 549; mines, XVI. 469; newspapers, XVII. 430; observatories, XVII. 714; oyster culture, XVIII. 108; periodical literature, XVIII. 543; prison system, XIX. 761; railways, XX. 251; whale fishery, XXIV. 528.
- NORWAY PINE, tree, XIX. 103.
- NORWAY SPRUCE, tree, IX. 222.
- NORWEGIAN LANGUAGE, XXI. 369; dictionaries of, VII. 186.
- NORWEGIAN LITERATURE, XVII. 589.
- NORWEGIAN SEA, XVII. 592.
- NORWICH, town, England, XVII. 594; Dominican church at, I. 21; libraries, XIV. 521, 544; newspapers, XVII. 421; smallpox epidemic at (1819), XXIV. 28.
- , town, Connecticut, U.S.A., XVII. 596.
- NORWOOD, suburb of London, XVII. 596; academy of music for the blind at, III. 829.
- , suburb of Adelaide, South Australia, XVII. 596.
- , Richard, his works on navigation, XVII. 256; his measurement of length of a degree, VII. 597.
- NOSE, Anatomy of the, I. 825, 884; XXII. 166; in physiognomy, XIX. 4; of reptiles, XX. 462.
- NOSEAN, mineral, X. 228; XVI. 412.
- NOSIBÉ, or Nossi-bé, island, off Madagascar, XVII. 596; XV. 168.
- NOSKS, divisions of the Avesta, XXIV. 776.
- NOSSA SENHORA DO DESTERRO, town, Brazil, VII. 132.
- NOSSI-BÉ, island, off Madagascar, XVII. 596; XV. 168.
- NOSSI-KOMBA, island, off Madagascar, XVII. 596.
- NOSTRADAMUS, French astrologer, XVII. 596.
- NOTABILE, ancient town, Malta, XV. 340, 342.
- NOTABLES, Assembly of, France, IX. 595.
- NOTARY, or Notary Public, XVII. 596.
- NOTATION, in algebra, I. 518; of numbers, II. 525, 527.
- , Chemical, V. 472.
- , of crystals, XVI. 352.
- , Musical, XVII. 80.
- NOTCH, in hydraulics, XII. 471.
- NÖTERÖ, island, Norway, XVII. 576.
- NOTES, Pitch of, in music, XVII. 102; range of, in the voice, XXIV. 275.
- NOTEUS, genus of Rotifera, XXI. 4.
- NOTHOCERCUS, genus of birds, XXIII. 403.
- NOTHOPROCTA, genus of birds, XXIII. 403.
- NOTHURA, genus of birds, XXIII. 403.
- NOTICE, in law, XVII. 597.
- NOTIDANUS, genus of sharks, XXI. 778.
- NOTKER BALBULUS, monk and hymn-writer, XVII. 597; XII. 583.
- NOTKER LABEO, monk and translator, XVII. 597; X. 517.
- NOTO, town, Sicily, XVII. 597.
- NOTOCHORD, rudimentary spine, I. 830; XXII. 109, 110.
- NOTOPTERIS, genus of bats, XV. 410.

- NOTORNIS, genus of birds, XVI. 809.
- NOTOTHERIUM, fossil marsupial mammal, XV. 383.
- NOTRE DAME, Cathedral of, Paris, XVIII. 276; sculptures in, XXI. 562.
- NOTREDAME (Nostradamus), Michel de, French astrologer, XVII. 596.
- NOTRE DAME BAY, Newfoundland, XVII. 382.
- NOTRE DAME MOUNTAINS, Canada, XX. 165.
- NOTTINGHAM, county, England, XVII. 597; representation, XXIII. 727.
- , town, England, XVII. 599; Luddite riots in, XV. 57; newspapers of, XVII. 421.
- , Earls of, XVII. 600.
- NOTTS, or Nottingham, county, England, XVII. 597; XXIII. 727.
- NOUKAHIVA, island, Marquesas, Pacific, XV. 564.
- NOUMÉA, town, New Caledonia, XVII. 376.
- NOUREDDIN (Nur ed-din, *q.v.*), atabek or ruler of Syria, XXI. 636; VII. 752; XXIII. 161.
- NOUVELLE HÉLOISE, Rousseau's novel, XXI. 26.
- NOUVELLES À LA MAIN, Paris newspaper, XVII. 425.
- NOVA DWOR, town, Russian Poland, XXIV. 375.
- NOVA FOGGIA, town, Asia Minor, XVIII. 798.
- NOVALIS (F. von Hardenberg), German writer, XI. 472; X. 542; hymns by, XII. 588.
- NOVANTÆ, ancient British tribe, XVIII. 411.
- NOVARA, town, Italy, XVII. 600; battle of (1849), V. 425; XIII. 488.
- NOVARIA (Novara), ancient town, Italy, XVII. 601.
- NOVA ROMA, name for Constantinople, XIX. 491.
- NOVA SCOTIA, province, Canada, XVII. 601; discovery of, by Sebastian Cabot, IV. 622.
- NOVA SCOTIA, Baronets of, III. 389.
- NOVATIANS, early Christian sect, XVII. 603.
- NOVATIANUS, Roman presbyter, XVII. 603; his creed, VI. 559.
- NOVATION, in law, XVII. 604.
- NOVAYA LADOGA, town, Russia, XXI. 190.
- NOVAYA USHITSA, town, Russia, XIX. 254.
- NOVA ZEMBLA, or Novaya Zemlya, island, Arctic Ocean, XVII. 604.
- NOVEL, Origin of the, XX. 636.
- NOVELAS EXEMPLARES, of Cervantes, V. 354.
- NOVELLO, Vincent, English musical composer, XVII. 606.
- NOVELS, addenda to the Codex of Justinian, XIII. 794.
- NOVEMBER, month, XVII. 606.
- NOVERRE, Jean Georges, French musician, XVII. 606; his pantomimes, XVIII. 216.
- NOVESIUM (Neuss), ancient town, Rhenish Prussia, XVII. 365.
- NOVGOROD, early republic, Russia, XXI. 89; its relations with Pskoff, XX. 36.
- , government, Russia, XVII. 606; XXI. 69.
- , town, Russia, XVII. 607.
- , Nijni-, government and town, Russia, XVII. 500, 501.
- SEVERSKI, principality, Russia, XXI. 89.
- NOVGOROD-SYEVERSK, town, Russia, XXIII. 96.
- NOVGRAD VOLHYNSKIY, town, Russia, XXIV. 282.
- NOVI, town, Italy, XVII. 608.
- NOVIBAZAR, town, Bosnia, XVII. 608.
- NOVIE DUBOSSARI, town, Russia, VII. 503.
- NOVIKOFF, Nikolai Ivanovich, Russian writer, XXI. 106.
- NOVI LIGURE, town, Italy, XVII. 608.
- NOVIODUNUM (Nevers), ancient town, France, XVII. 369.
- NOVIOMAGUM (Nimeguen), ancient town, Netherlands, XVII. 509.
- NOVIOMAGUS (Lisieux), ancient town, France, XIV. 693.
- NOVISAD (Neusatz), town, Hungary, XVII. 365.
- NOVO-BAYAZET, town, Transcaucasia, Russia, XVII. 608.
- NOVO-DYEVITCHIY, convent, Moscow, Russia, XVI. 859.
- NOVOGEORGIEVSK, town, Kherson, Russia, XVII. 608.
- , town, Russian Poland, XVII. 608; XIX. 227; XXIV. 376.
- NOVOKHOPERSK, town, Russia, XXIV. 298.
- NOVO MINSK, town, Russian Poland, XXIV. 375.
- NOVOMOSKOVSK, town, Russia, XVII. 608.
- NOVOROSSIA, district, Russia, XVII. 725.
- NOVOSELITSY, Cossack settlement, Russia, XVII. 609.
- NOVOSIL, town, Russia, XXIII. 605.
- NOVOTCHERKASSK, town, Russia, XVII. 609.
- NOVO-UZEN, town, Russia, XXI. 243.
- NOVOZYBKOFF, town, Russia, XXIII. 96.
- NOVUM ORGANUM, Bacon's treatise, III. 210.
- NOWANUGGUR, state and town, India, XVII. 301.
- NOWGONG, district, India, XVII. 609.
- NOWSHERA, town, India, XVIII. 684.
- NOY, William, attorney-general of England, XVII. 609.
- NOYADES, massacres at Nantes, France, V. 139.
- NOYES, John Humphrey, founder of the Oneida Community, U.S.A., VI. 211; XVII. 772.
- NOYON, town, France, XVII. 609, 749.
- NOZEMAN, Cornelius, Dutch naturalist, on birds, XVIII. 9.
- NOZZE DE FIGARO, Mozart's opera, XVII. 111.
- NUB, district, Nubia, XVII. 611.
- NUBIA, country, North-East Africa, XVII. 610; I. 267.
- NUBIAN GOAT, X. 709.
- NUBIANS, race of people, Africa, I. 260.
- NUBLE, province, Chili, V. 617.
- NUCERIA ALFATERNA (Nocera Inferiore), ancient town, Italy, XVII. 530.
- NÜCHINS, Manchu tribe, XV. 467.
- NUCIFRAGA, genus of birds, VI. 618; XVII. 665.
- NUCK, Antony, anatomist, I. 811.
- NUCULA, genus of Mollusca, XVI. 689.
- NUDDEA, district, India, XVII. 161.
- NUECES, river, Texas, U.S.A., XXIII. 203.
- NUEVA ESPARTA, islands, Caribbean Sea, Venezuela, XV. 537.
- NUEVO-LEON, state, Mexico, XVI. 214.
- NUFOR, Papuan language, XVIII. 231.
- NUGÆ ANTIQUÆ, Harington's work, XI. 479.
- NUGAR, state, India, X. 597.
- NUGEENAH (Nagina), town, India, XVII. 164.
- NUGENT, Earl, Irish poet, XVII. 612.
- NUISANCE, in law, XVII. 612; XXIII. 454.
- NUISANCES, Public, XX. 96; XVII. 613.
- NUKHA, town, Russia, XVII. 613.
- NUKKAPULLY, or Anakapalle, town, India, XXIV. 267.
- NULAGURH (Nalagarh), hill state, India, XI. 840.
- NULLIFICATION, Calhoun's doctrine of, United States, IV. 683; Webster's speech on, XXIV. 472.
- NUMAN PASHA, Turkish vizier, XXIII. 646.
- NUMANTIA, ancient town, Spain, XVII. 613; siege of, by the Romans (134-133 B.C.), XXII. 306.
- NUMA POMPILIUS, legendary king of Rome, XVII. 613.
- NUMBER, Conception and representation of, II. 524; ancient ideas of, III. 37; Locke on, XIV. 759; Pythagorean philosophy of, XX. 138; in Xenocrates's philosophy, XXIV. 718.
- NIP, German goblin, XX. 552.
- OF QUANTITIES, in measurement, XV. 660.
- NUMBERS, Book of, XVIII. 505.
- , Complex, XXIV. 70.
- , Partition of, XVII. 614.
- , Properties of, in algebra, I. 521.
- , Theory of, XVII. 614; tables relating to, XXIII. 15; Legendre's contributions

- to, XIV. 414; H. J. S. Smith's, XXII. 172.
- NUMENIUS, Neopythagorean philosopher, XVII. 624, 334.
- , genus of birds, VI. 711.
- NUMERALS, XVII. 624; II. 524; in ancient MSS., XVIII. 165; Mexican, XVI. 212; Papuan, XVII. 389.
- NUMERATION, in arithmetic, II. 527.
- NUMERIANUS, M. Aurelius, Roman emperor, XVII. 627.
- NUMERICAL MAGNITUDES, XXI. 677.
- NUMIDA, genus of birds, XI. 264.
- NUMIDIA, ancient country, North Africa, XVII. 627; under Jugurtha, XIII. 766; coins of, XVII. 652.
- NUMISMATICS, XVII. 628; value of, in archæology, II. 343; Etruscan, VIII. 641; of Miletus, XVI. 294; Sabæan, XXIV. 741.
- NUMMEDAL LAAGEN, river, Norway, XVII. 575.
- NUMMULINIDEA, order of Protozoa, XIX. 848.
- NUMMULITES, Foraminifera, IX. 381.
- NUN, NUNS, in convents, XVI. 699; Franciscan, IX. 699.
- , Cape, Morocco, XVI. 831.
- , Rio, mouth of Niger, Africa, XVII. 497.
- NUNCIO, papal legate, I. 657; XIV. 413.
- NUNEATON, town, England, XVII. 661.
- NUÑEZ, Pedro, Portuguese cosmographer and navigator, XVII. 662, 252.
- CABEZA DE VACA, Alvaro, Spanish explorer, XVII. 662.
- NUPHAR, genus of plants, XXIV. 402.
- NUR ED-DIN, atabek or ruler of Syria, XXI. 636; his invasion of Egypt, VII. 752; his relations with the Templars, XXIII. 161.
- NUREMBERG, town, Bavaria, XVII. 662; in time of Albrecht Dürer, VII. 554; diet of (1522), XV. 77; its sculptures, XXI. 564.
- NURHAGS, sepulchres, in Sardinia, II. 384; XXI. 309.
- NÜRNBERG, or Nuremberg (*q.v.*), XVII. 662.
- NURPUR, town, India, XIII. 841.
- NURSE-HOUND, fish, VII. 332.
- NURSERY CULTURE, of trees, II. 321.
- NURZIA, Sabine town, Italy, XXI. 129.
- NURSING, in hospitals, XII. 305.
- NURSINGPOOR (Narsinhpur), district, India, XVII. 234.
- NUSA KELI, mountain, Ceram, Indian Archipelago, V. 344.
- NUSSEER KHAN, ruler of Baluchistan, III. 300.
- NUT, variety of fruit, XVII. 664; IV. 151.
- NUTATION, Solar, II. 757, 794; effect of, on tides, XXIII. 361.
- NUTCELL, English monk, XVI. 707.
- NUTCRACKER, bird, XVII. 665; VI. 618; its migrations, III. 770.
- NUT GALL, X. 45.
- NUTHATCH, bird, XVII. 665.
- NUTMEG, spice, XVII. 666, 664.
- NUTMEG-BIRD, XXIV. 463.
- NUT OIL, XVII. 746.
- NUT-PINE, tree, XIX. 105.
- NUTRIA, or Coypu, XV. 420; skins of, IX. 838.
- NUTRIAS, town, Venezuela, XXIV. 140.
- NUTRITION, XVII. 667; VII. 201; of nerves, XIX. 26; of Protozoa, XIX. 836; of plants, IV. 94; of Schizomycetes, XXI. 406; organs of, in fishes, XII. 654; organs of, in mammals, XV. 361.
- NUTTALL, Thomas, American naturalist, XVII. 687.
- NUX VOMICA, drug, XVII. 687.
- NUYSEN, Abraham Janssens van, Flemish painter, XIII. 568.
- NUYT'S LAND, Western Australia, XXIV. 509.
- NYAGUR, state, India, XVII. 302.
- NYÂNÝÁZ, Ural-Altaic people, Russia, XXI. 251.
- NYANZA, Albert, lake, Africa, XVII. 505; XIV. 217; marked on early Italian map, X. 183; discovery of, I. 247, 255.
- , Victoria, lake, Africa, XVII. 504; XIV. 217; shown on early Italian map, X. 183; discovery of, I. 247, 255.
- NYASSA, Lake, Africa, I. 247; XXIV. 766; discovered by Livingstone, XIV. 721.
- NYAZEPETROVSK, town, Russia, XVIII. 550.
- NYBERG, Julia, Swedish poetess, XXII. 757.
- NYBORG, town, Denmark, XVII. 687.
- NYCTALA, genus of birds, XVIII. 90.
- NYCTEA, genus of birds, XVIII. 90.
- NYCTERIBIDÆ, group of insects, VII. 255.
- NYCTERIDÆ, family of bats, XV. 411.
- NYCTICEBUS, genus of lemurs, XIV. 443.
- NYCTICORAX, genus of birds, XI. 762.
- NYCTINOMUS, genus of bats, XV. 413.
- NYCTIPITHECUS, genus of apes, II. 154.
- NYCTISAURA, suborder of lizards, XIV. 734.
- NYEGUSH, town, Montenegro, XVI. 781.
- , Peter Petrovitch, Servian poet, XVI. 781.
- NYEZHIN, town, Russia, XVII. 496; XXIII. 96.
- NYIREGYHAZA, town, Hungary, XVII. 688.
- NYKÖPING, town, Sweden, XVII. 688.
- NYLAND, province, Finland, IX. 217.
- NYLANDER, W., on lichens, XIV. 557.
- NYLGHAU, antelope, XVII. 688; II. 102; XV. 432.
- NYMEGEN, or Nimeguen (*q.v.*), town, Holland, XVII. 509.
- NYMPH, in Greek mythology, XVII. 688.
- NYMPHÆA, genus of plants, XXIV. 402.
- NYMPHÆUM, valley, near Smyrna, Asia Minor, XXII. 186.
- NYMPHON, genus of Arachnida, II. 277.
- NYSLOTT, town, Finland, XXIV. 209.
- O the fifteenth letter of the alphabet, XVII. 689.
- O', in Irish names, V. 799.
- OAHU, island, Hawaiian group, Pacific, XI. 532.
- OAJACA, town, Mexico, XVII. 689; XVI. 214; antiquities in, I. 695; state, XVI. 214.
- OAK, tree, XVII. 689; culture of, II. 316; in United States, XXIII. 808; strength of wood, XXII. 603; bark of, for tanning, XIV. 381.
- APPLE, gall, X. 44.
- OAKBOY INSURRECTION, Ireland, XIII. 269.
- OAKLAND, town, California, U.S.A., XVII. 694.
- OAK-ORCHARD ACID SPRINGS, New York State, U.S.A., XVI. 436.
- OAKS, English horse-race, XII. 201.
- OAK SPANGLES, galls, X. 44; XII. 574.
- OAKUM, for use in shipbuilding, XVII. 694.
- OAMARU, town, New Zealand, XVII. 694.
- STONE, XVII. 468.
- OAR, for rowing, XXI. 30; ancient Greek, XXI. 807.
- OARACTA (Kishni), island, Persian Gulf, XIV. 102.
- OAR-FISH, XVII. 694.
- OASES, in deserts, XVII. 695; of Egypt, VII. 784.
- OAT, cereal, XVII. 696; I. 359.
- OATES, Titus, plotter, XVII. 697.
- OATH, XVII. 698; of allegiance, I. 581; in courts-martial, VI. 518; legal, I. 226; XXIV. 624; in Roman law, XX. 675; ordeal by, XVII. 819; by Styx, XXII. 614; in relation to vows, XXIV. 301; in relation to wager, XXIV. 305.
- OATMEAL, its nutritive value, VII. 203; XVII. 696.
- OATS, grain, XVII. 696; cultivation of, I. 359.
- OAXACA, or Oajaca, town, Mexico, XVII. 689; XVI. 214; antiquities in, I. 695.
- OB, river, Siberia, XXII. 5; XXIII. 429; proposed connexion of, with the Yenisei, XXIV. 742; marshy region formed by, XXIII. 438.
- OBADIAH, Old Testament prophet, XVII. 702.
- OBAIDA, Abu, Arabic commentator and historian, XVI. 536; XXIII. 3.
- OBAID ALLAH, Moslem leader, XVI. 568, 587.

- OBAN, town, Scotland, xvii. 703.
 OBAY, editor of the Koran, xvi. 605.
 OBENITES, Dutch sect, xvi. 12.
 OBDORSK MOUNTAINS, Russia, xxiv. 4.
 OBEIDH, town, Kordofan, Africa, viii. 153.
 OBEIDULLAH, Sheikh, Kurdish chief, xiv. 160.
 OBELISK, Egyptian monument, xvii. 703; i. 495; ii. 390; vii. 768, 778.
 OBERAMMERGAU, village, Bavaria, xvii. 703; passion play of, vii. 414.
 OBER-BEUTHEN, town, Germany, iii. 621.
 OBERHAUSEN, town, Rhenish Prussia, xvii. 704.
 OBER-HOENBERG, mountain, Württemberg, xxiv. 699.
 OBERINGELHEIM, town, Germany, xiii. 73.
 OBERLIN, town, Ohio, U.S.A., xvii. 704.
 —, Jean Frédéric, Alsatian philanthropist, xvii. 704; as educationist, xiv. 79.
 —, Jérémie Jacques, French archaeologist, xvii. 704.
 OBER-NEUNKIRCHEN, town, Prussia, xvii. 363.
 OBERON, king of the fairies, xvii. 704.
 —, Weber's opera, xxiv. 469.
 —, Wieland's poem, xxiv. 559.
 OBERSTEIN, town, Germany, xvii. 757.
 OBESITY, or Corpulence, vi. 435; diet for, vii. 204; as a disease, xviii. 389.
 OBI, or Ob (*q.v.*), river, Siberia, xxii. 5.
 OBIZZO I. and II., princes of Este, viii. 558.
 OBJECT-GLASS, in the microscope, xvi. 258; achromatic, xvii. 804; xxiii. 139, 145.
 OBJECTIVE, object-glass of microscope, xvi. 261.
 OBLATION, Sacrificial, xxi. 132.
 OBLIGATION, in law, xvii. 704; xiv. 361; in Roman law, xx. 675, 677, 692, 699.
 OBOE, musical instrument, xvii. 705.
 OBOL, ancient Greek coin, xvii. 632.
 OBRADOVICH, Dositei, Servian writer, xxi. 691.
 OBRENOVICH, Milosh, prince of Servia, xxi. 689.
 O'BRIEN, Irish giant, his skeleton, xii. 388.
 —, William Smith, Irish politician, xvii. 708.
 O'BRYAN, Mr, Methodist preacher, xvi. 192.
 OBSERVANTS, or Franciscans of the Strict Observance, monastic order, ix. 698; xvi. 711, 716.
 OBSERVATIONS, in navigation, xvii. 268.
 OBSERVATORY, xvii. 708 (index, 717); Greenwich, institution of, ii. 756; Paris, institution of, ii. 755.
 OBSIDIAN, a volcanic glass, xvii. 717; structure of, x. 230, 234.
 OBSCULESCENCE, Diseases of, xviii. 383.
 OBSTETRICS, branch of medicine, xv. 797.
 OBSTRUCTION, in law, xxiii. 500.
 OBWALD, district, Switzerland, xxii. 781; xxiii. 858.
 OCA, vegetable, xii. 285.
 OCAMO, river, South America, xvii. 843.
 OCCAM, William of, English schoolman, xvii. 717; xv. 81; xxi. 430; Biel on, iii. 666.
 OCCASIONALISM, philosophical theory, x. 556.
 OCEAN, in physical geography, x. 211, 221, 282; atmospheric pressure on, iii. 29; xvi. 121; depths of, iii. 17; xii. 821; xviii. 120; deep-sea fishes, xii. 684; appliances for sounding, xxii. 280; stability of, in tides, xxiii. 361; temperature, vi. 4; xvi. 116; temperature of air over, xvi. 117; deep-sea thermometers, xxiii. 291; tides of, xxiii. 353; water of, xxi. 611; xxiv. 398; waves of, xxiv. 419.
 OCEANA, Harrington's work, xi. 492.
 OCEANIA, or Polynesia, xix. 418.
 OCEANITIDÆ, family of birds, xviii. 712.
 OCELOT, carnivorous mammal, xvii. 719; xv. 435.
 OCHETODON, genus of rodent mammals, xvii. 6.
 OCHILS, mountains, Scotland, xviii. 666.
 OCHINO, Bernardino, Italian Reformer, xvii. 719; vicar-general of Capuchins, v. 80; his relations with L. Socinus, xxii. 229; with Valdes, xxiv. 32.
 OCHRA, mineral, xvi. 425.
 OCHRE, pigment, xix. 87.
 OCHROITE EARTH, xiv. 291.
 OCHUS, Artaxerxes III., king of Persia, ii. 640; vii. 744; xviii. 580.
 —, Darius II., king of Persia, vi. 826; xviii. 575.
 —, river, Central Asia, xviii. 104.
 OCKALS, class of Druses, vii. 484, 485.
 OCKENFUSS, Lorenz, German naturalist, xvii. 749.
 OCKENHEIM, Johannes, Flemish musician, xvii. 83; xviii. 180.
 OCKLEY, Simon, English Orientalist, xvii. 720.
 O'CLERY, Michael, Irish chronicler, v. 307; vii. 363.
 OCMULGEE, river, Georgia, U.S.A., x. 434.
 OCOEE ROCKS, Tennessee, U.S.A., xxiii. 176.
 OCONEE, river, Georgia, U.S.A., x. 434.
 O'CONNELL, Daniel, Irish politician, xvii. 720; xiii. 271; Peel's duel with, xviii. 453; his encounters in debate with Lord Stanley, vii. 110.
 O'CONNOR, Feargus Edward, Chartist leader, xvii. 722; v. 434.
 —, Roderick, Irish king, xiii. 259.
 OCOTAL, town, Nicaragua, xvii. 477.
 OCTACNEMIDÆ, family of Tunicata, xxiii. 616.
 OCTAHEDRON, in geometry, x. 388; crystals, xvi. 348, 351.
 OCTANT, or Quadrant, Hadley's, xvii. 258.
 OCTAVE, musical interval, i. 108; xvii. 78, 102.
 OCTAVIA, sister of the emperor Augustus, xvii. 722.
 —, wife of the emperor Nero, xvii. 722, 348.
 OCTAVIAN, or Octavianus (Augustus, *q.v.*), Roman emperor, iii. 79; xx. 768.
 — (Pope John XII.), xiii. 711.
 OCTAVIANS, The, of Scottish history, xxi. 509.
 OCTAVIANUS (Victor IV., antipope), xxiv. 213.
 OCTAVIEN, romance, xx. 653.
 OCTAVIUS, Minucius Felix's dialogue, xvi. 492.
 —, Caius (Augustus, *q.v.*), Roman emperor, iii. 79.
 OCTOBER, month, xvii. 722.
 — HORSE, Roman sacrifice, xv. 570.
 OCTOCORALLA, group of Actinozoa, i. 130.
 OCTODONTIDÆ, family of rodent mammals, xv. 420.
 OCTOPODA, suborder of Mollusca, xvi. 670.
 OCTOPUS, genus of Mollusca, vi. 739; xvi. 670.
 OCTORON, white and Negro half-breed, xvii. 320.
 OCTROI, tax, France, ix. 523.
 OCYDROME, bird, xvii. 722.
 ODÆNATHUS, or Odenathus, prince of Palmyra, xvii. 724; xviii. 200; xx. 776.
 ODAL, early Teutonic land tenure, ix. 120.
 ODALISKS, female slaves in harem, xi. 478.
 ODCOMBIAN BANQUET, by Coryatt, vi. 444.
 ODDFELLOWS, societies, xvii. 723; ix. 782.
 ODD GOTTSKALKSSON, Icelandic translator of the New Testament, xii. 626.
 ODE, xix. 270; in Greek hymnody, xii. 580.
 ODEIUM, or Odeum, building, Athens, iii. 5; xviii. 530.
 ODEL, Anders, Swedish poet, xxii. 756.
 ODENATHUS, prince of Palmyra, xvii. 724; xviii. 200; xx. 776.
 ODENSE, town, Denmark, xvii. 724.
 ODE ONDO, town, West Africa, xxiv. 754.
 ODER, river, Germany and Austria, xvii. 724; iii. 116, 294; x. 449; xxii. 52, 543.

- ODES, of Horace, XII. 161; of Pindar, XIX. 99.
- ODESCALCHI, Benedetto (Pope Innocent XI.), XIII. 85.
- ODESSA, town, Russia, XVII. 724; XXI. 70; observatory at, XVII. 714; university, XXIII. 852.
- ODE TO A NIGHTINGALE, Keats's poem, XIV. 22.
- ODE TO THE CUCKOO, its authorship, IV. 393.
- ODEUM, building, ancient Athens, III. 5; XVIII. 530.
- ODIC FORCE, animal magnetism, XV. 277.
- ODIN, Scandinavian divinity, II. 680; X. 474; XVII. 156.
- ODINGTON, Walter, on musical measure, XVII. 81.
- ODO, bishop of Bayeux and earl of Kent, VIII. 291.
- , archbishop of Canterbury, VII. 692; VI. 30.
- , Cardinal (Pope Urban II.), XXIV. 8.
- DE CERINTON, early English fabulist, VIII. 838.
- DE ST AMAND, grand-master of Knights Templars, XXIII. 161.
- ODOACER, barbarian king of Italy, XVII. 726; XX. 781; his ordinances regarding the church, XIX. 492; defeat of, by Theodoric, XIII. 467; XXIII. 256; at Ravenna, XX. 297.
- ODOEFF, town, Russia, XXIII. 605.
- O'DOGHERTY, Sir Cahir, Irish chieftain, Donegal, VII. 363.
- ODON (Eudes or Eudon), duke of Aquitania, II. 233; IX. 531.
- ODONATA, group of insects, VII. 385; XIII. 152.
- O'DONNELL, Henry Joseph, count of La Bisbal, Spanish general, XVII. 727.
- , Hugh (Red Hugh), Irish chieftain, VII. 362.
- , Hugh Baldearg, Irish chieftain, XIII. 268.
- , Karl, Austrian general, XVII. 727.
- , Leopold, duke of Tetuan, Spanish statesman, XVII. 727; XXII. 346.
- O'DONNELLS, Irish sept, XIII. 250.
- O'DONOJU, Juan, Spanish governor, Mexico, XVI. 219.
- ODONTOCETI, suborder of Cetacean mammals, XV. 395; XXIV. 525.
- ODONTOLOGY, or Dentistry, VII. 595; XV. 797.
- ODONTOPHORE, organ of molluses, XVI. 640.
- ODONTOPTERYX, fossil bird, III. 729.
- ODOPHONE, perfume measurer, XVIII. 526.
- ODORIC, Franciscan monk and Eastern traveller, XVII. 728; X. 178; XV. 473; in China, XVI. 743; in Tibet, XIV. 502.
- ODOUR, of minerals, XVI. 379.
- ODOUR-SECRETING GLANDS, of mammals, XV. 348.
- ODOVACAR, or Odoacer (*q.v.*), barbarian king of Italy, XVII. 726.
- ODRYÆ, Thracian tribe, XXIII. 318.
- ODYLIC FORCE, animal magnetism, XV. 277.
- ODYNERUS, genus of wasps, XXIV. 392.
- ODYSSEUS, Greek hero (the Latin Ulysses), XVII. 729.
- ODYSSEY, Homeric poem, XI. 137; XII. 119.
- ECODOMA, genus of ants, II. 98.
- ECOLAMPADIUS, John, German Reformer and theologian, XVII. 729; XX. 332; on church order, XIX. 676.
- ECOPHARA WOODIELLA, rare insect, XV. 459.
- ECUMENICAL COUNCILS, VI. 510; Basel, III. 409; Constance, VI. 297; Trent, XXIII. 543; Vatican, XXIV. 110; XVII. 754.
- ECUMENICAL METHODIST CONFERENCE (1881), XVI. 193.
- CEDEMA, genus of birds, XXI. 470.
- OEDENBURG, town, Hungary, XVII. 730.
- CEICNEMUS, genus of birds, VI. 712.
- CEIPE, Voltaire's play, XXIV. 286.
- CEIPUS, Greek hero, XVII. 730.
- , pseudo-classical romance, XX. 640.
- COLONEUS, Sophocles's drama, XXII. 272.
- TYRANNUS, Sophocles's drama, XXII. 273.
- OEHLenschLÄGER, Adam Gottlob, Danish poet, XVII. 730; VII. 92, 444.
- OELAND, island, Sweden, XVII. 752; XXII. 737.
- OELS, town, Prussia, XVII. 731.
- OELSCHLÄGER, Adam (Olearius), German traveller, XVII. 760.
- OENACH, early Irish fair, XIII. 258.
- ENANTHIC ACID, XVII. 731; XXIV. 602.
- ENANTHIC ETHER, XVII. 731.
- ENIPONTUM (Innsbruck), ancient town, Tyrol, Austria, XIII. 86.
- ENOCHOE, Greek vessel, XIX. 614.
- ENOE, mother of Pan, XVIII. 208.
- ENOMAUUS, mythic king of Olympia, XVII. 731; XVIII. 480.
- ENONE, of Greek legend, XVIII. 295.
- ENOTRIA, ancient province, Italy, XV. 37; Enotrians, XIII. 443.
- ENUSSÆ, islands, Greece, XVI. 52.
- OERLAAMS, South-African race, XII. 309.
- OERSTED, Hans Christian, Danish scientist, VII. 91; his electrical discoveries, VIII. 10.
- ERSTEDITE, mineral, XVI. 426.
- OERTEL, Abraham, Flemish geographer, XVIII. 52.
- OESSEL, island, Baltic Sea, Russia, XVII. 732.
- OESER, Adam Frederick, Goethe's art-teacher, X. 723.
- ESOPHAGUS, Anatomy of the, VII. 223; diseases of, XXIII. 321.
- OESTERREICH, or Austria (*q.v.*), III. 123.
- OFANTO, river, Italy, XIII. 440.
- OFEN, or Buda, town, Hungary, IV. 423; university of, XXIII. 840, 852; mineral water of, XVI. 436. See also Buda-pest.
- OFFA, British king, VIII. 282; XVII. 570.
- OFFA'S DYKE, Shropshire, England, XXI. 648.
- OFFENBACH, town, Germany, XVII. 732.
- , Jacques, musical composer, XVII. 732, 99.
- OFFENCES, Criminal, VI. 587; in Roman law, XX. 675.
- OFFERINGS, Sacrificial, XXI. 132.
- OFFICERS, Ranks of, in British army, II. 575; in navy, XVII. 291.
- OF STATE, English, XXII. 458.
- OFFLETS, in canals, IV. 785.
- OGAM, ancient Irish inscriptions, V. 306.
- OGARIEFF, Russian poet, XXI. 109.
- OGBOMOSHO, town, West Africa, XXIV. 754.
- OGDAI KHAN, Mongol ruler, XVI. 740; his conquests in China, V. 647.
- OGDEN, town, Utah, U.S.A., XVII. 732.
- , Colonel Josiah, of Newark, New Jersey, U.S.A., XVII. 371.
- OGDENSBURG, town, New York, U.S.A., XVII. 733.
- OGÉ, Vincent, Haytian emancipationist, XXII. 140.
- OGEE, in architecture, II. 468.
- OGHOTAI KHAN, Mongol ruler, XVI. 740.
- OGIER THE DANE, romance, XX. 652.
- OGLETHORPE, James Edward, British general, XVII. 733; colonies founded by, in United States, X. 437.
- OGLIO, river, Italy, XIII. 436.
- OGMA, Celtic deity, V. 300.
- OGOWAY, or Ogowe, river, West Africa, XVII. 733; I. 254.
- OGOWAY-GABOON, region, Africa, Languages of, XXIV. 828.
- OGUN, river, West Africa, XXIV. 754.
- OGURS, or Ugurs, Ural-Altaic people, XXII. 11; XXIII. 659; XXIV. 1.
- O'GYALLA, Hungary, Observatory at, XVII. 713.
- OGYGES, in Greek legend, XVII. 733.
- O'HIGGINS, province, Chili, XXI. 298.
- OHIO, river, U.S.A., XVI. 518.
- , State, U.S.A., XVII. 734; wine industry of, XXIV. 611.
- COLONIZATION COMPANY, XXIII. 734.
- OHM, Georg Simon, German physicist, XVII. 738; his law of electromotive force and resistance, VIII. 12, 40; his law in regard to vibratory sounds, XVII. 105.

- OHM, electrical unit of measurement, VIII. 44, 104; XXIII. 116.
- OHOD, Arabia, Battle of (625), XVI. 556.
- OTHHERE, or Other, King Alfred's account of his voyages, I. 507; XIX. 316.
- O'HURLEY, Irish archbishop, XIII. 265.
- OIDIUM, vine fungus, XXIV. 240, 605.
- OI-GAWA, river, Japan, XIII. 572.
- OIGNON, river, France, XIII. 782.
- OIKOPLEURA, genus of Tunicata, XXIII. 614.
- OIKUL, lake, Central Asia, XVIII. 104.
- OIL, OILS, XVII. 739; in plants, IV. 88; adulteration of, I. 171; for clocks, VI. 33; gas from, X. 100; for lamps, XIV. 244; for lighthouses, XIV. 626; lubricant, XV. 34; painter's, XVIII. 138; cocoa-nut, VI. 103; cod-liver, VI. 104; colza, VI. 176; croton, VI. 615; of lavender, XIV. 352; of lemons, XIV. 438; linseed, XIV. 677; olive, XVII. 763; paraffin, XVIII. 237; of peppermint, XVIII. 517; petroleum, XVIII. 712; poppy, XIX. 513; rape, XX. 273; sesame, XXI. 693; tar, XXIII. 58; of turpentine, XXIII. 669; whale, XXIV. 529; Sicilian, XVIII. 713.
- BIRD, XI. 227.
- CAKE, XVII. 739; XIV. 677.
- CITY, Pennsylvania, U.S.A., XVII. 739.
- COLOURS, XIX. 86.
- CREEK VALLEY, Pennsylvania, U.S.A., XVIII. 713.
- SPRINGS, X. 271.
- OILSTONE, or Hone, XII. 134.
- OIL VARNISHES, XXIV. 91.
- OIL-YIELDING PLANTS, I. 383.
- OIREAMHAIN, ancient district, Ireland, XV. 669.
- OIRON POTTERY, XIX. 629.
- OISE, department, France, XVII. 749; river, XXI. 624.
- OISIANIC TALES, Celtic, V. 311. See Ossian.
- OJEDA, Alonzo de, Spanish explorer, X. 182.
- OJIBWAYS, American-Indian tribe, XII. 831.
- OJO CALIENTE, mineral springs, New Mexico, U.S.A., XVII. 400.
- OKA, river, Russia, XXI. 115; XXIV. 279.
- OKAD, festival, Arabia, II. 256, 263.
- OKAWA, river, Japan, XXIII. 432.
- OKEN, Lorenz, German naturalist, XVII. 749; his contributions to morphology, XVI. 839.
- OKENITE, mineral, XVI. 421.
- OKHOTSK, town, Eastern Siberia, XV. 548.
- , Sea of, Pacific, XVIII. 116.
- OKI, islands, Japan, XIII. 569.
- OKINAKANE, river, Washington Territory, U.S.A., XXIV. 386.
- OKINAWA, island, Lew-Chew group, Pacific, XIV. 490.
- OKRA, or Gumbo, plant, XI. 276.
- OLAF, St, Norwegian king, XVII. 586.
- , Swedish king, XXII. 744.
- KYRRE, Norwegian king, XVII. 587.
- TRYGGVASON, Norwegian king, XVII. 586.
- OLAFSSON, Eggert, Icelandic patriot and poet, XII. 623; XXI. 369.
- OLAMBO, river, West Africa, X. 3.
- OLANCHO, department, Honduras, XII. 132.
- ÖLAND, island, Sweden, XVII. 752; XXII. 737.
- OLAUS MAGNUS (or MAGNI), Swedish ecclesiastic, XVII. 752.
- OLBERS, Heinrich W. Matthias, German astronomer, XVII. 752; his comet, VI. 193; on the orbit of comets, VI. 182; his observatory at Bremen, XVII. 712.
- OLBIA, Greek colony, Scythia, XVII. 753, 504.
- , town, Asia Minor, XVIII. 207.
- OLBIOPOLIS (Olbia), Greek colony, Scythia, XVII. 753, 504.
- OLCINIUM (Dulcigno), ancient town, Albania, VII. 520.
- OLD AGE, Period of, XV. 778.
- OLDBURY, town, England, XVII. 753.
- OLD CASTILE, province, Spain, XXII. 298.
- OLDCASTLE, Sir John, Lollard martyr, XVII. 753; XI. 660; XIV. 812.
- OLD CATHOLICS, XVII. 754; VIII. 492; XXIV. 113.
- OLD CURIOSITY SHOP, Dickens's novel, VII. 176.
- OLDENBURG, grand-duchy, Germany, XVII. 756; town, XVII. 758.
- , Henry, man of science, XXII. 401; as secretary of Royal Society, XVII. 439.
- OLDFIELD, Mrs, English actress, IX. 40.
- OLDHAM, town, England, XVII. 758; co-operative societies of, VI. 218.
- , John, English satirist, XVII. 759.
- OLDHAVEN BEDS, in geology, X. 361.
- OLDISLEBEN, district, Germany, XXI. 349.
- OLD MAN OF THE MOUNTAINS, chief of the Ismaelites, II. 723; XXIII. 161.
- OLD NICK, origin of the designation, XVII. 483.
- OLD RED SANDSTONE, in geology, X. 342.
- OLD RED SANDSTONE, Hugh Miller's work, XVI. 319.
- OLD SARUM, town, England, XXI. 218.
- OLD SIDE, Presbyterian denomination, United States, XIX. 698.
- OLD TESTAMENT, III. 634; canon of, V. 1; Septuagint version of, XXI. 667. See Bible.
- OLD WINDSOR, town, England, XXIV. 600.
- OLDYS, William, English bibliographer, XVII. 759.
- OLEA, genus of plants, XVII. 761.
- OLEANDER, plant, XVII. 759.
- OLEARIUS, Adam, German traveller, XVII. 760.
- OLEASTER, plant, XVII. 761.
- OLEFINES, class of hydrocarbons, XVIII. 237.
- OLEG, early Russian chief, XXI. 87.
- OLEIN, fatty substance, XXIII. 35; XXII. 202.
- OLEKMA, river, Siberia, XXII. 5; XXIV. 726.
- OLENEK, river, Siberia, XXII. 5; XXIV. 726.
- OLEOGRAPHY, chromo-lithography, XIV. 700.
- OLEO-MARGARINE, imitation butter, XVII. 760.
- OLÉRON, island, France, XVII. 760.
- , Sea laws of, XXI. 583.
- OLETTE, spa, France, XX. 128.
- OLFACTORY ORGANS, I. 885; XXII. 165.
- OLGA, early Russian princess, XVII. 761; XXI. 88.
- STRAIT, Spitzbergen, XXII. 408.
- OLGOPOL, town, Russia, XIX. 254.
- OLIARAS (Antiparos), island, Greece, II. 133.
- OLIBANUM, or Frankincense, IX. 709; XII. 718.
- OLIGARCHY, form of government, XI. 11; in Rome and in Venice, XVII. 527.
- OLIGOCHÆTA, order of worms, II. 68; XXIV. 677.
- OLIGOCLASE, mineral, XVI. 420.
- OLIGODONTIDÆ, family of snakes, XXII. 192.
- OLIGOSPOREA, order of Protozoa, XIX. 855.
- OLINDA, town, Brazil, XVIII. 552.
- OLIPHANT, Caroline, Baroness Nairne, XVII. 167.
- OLISIPO (Lisbon), ancient town, Portugal, XIV. 693.
- OLIVA, Fernan Perez de, Spanish writer, XVII. 761.
- OLIVARES, Gasparo de Guzman, duke of, Spanish statesman, XVII. 761; XVIII. 746; XXII. 331.
- OLIVE, plant, XVII. 761; in Attica, III. 59.
- OLIVENITE, mineral, XVI. 406.
- OLIVE NUT, XVII. 664.
- OLIVE OIL, XVII. 744.
- OLIVER, of the Roland legends, XX. 626, 651.
- , Isaac, English painter, XXI. 441, 444.
- OLIVEROS Y ARTOS, romance, XX. 659.
- OLIVERS, Thomas, Welsh hymn-writer, XII. 594.
- OLIVER TWIST, Dickens's novel, VII. 176.
- OLIVES, or Olivet, Mount of, Jerusalem, XVII. 763; XIII. 636.

- OLIVETANS, monastic order, XVII. 764; XVI. 711.
- OLIVINE, mineral, x. 228; xv. 217; XVI. 410; XVIII. 534.
- OLKHON, island, Lake Baikal, Siberia, III. 241.
- OLKIN (Dulcigno), town, Turkey, VII. 520.
- OLLAMH, Celtic dignitary, v. 303.
- OLLIVIER, Abbé, his history of Pope Alexander VI., I. 490.
- OLLULANUS, genus of nematode worms, XVII. 325.
- OLMSTED, Denison, American scientist, XVII. 764.
- OLMÜTZ, town, Austria, XVII. 764; XVI. 811; observatory at, XVII. 713; university, XXIII. 851.
- OLNEY HYMNS, XII. 594; XVII. 449.
- OLONETZ, government, Russia, XVII. 764; XXI. 69.
- OLORON-SAINTE-MARIE, town, France, XVII. 765; XX. 127.
- OLOSENGA, atoll, Polynesia, XIX. 420.
- OLTA, river, Roumania, XXI. 14.
- OLTEN, town, Switzerland, XXII. 250.
- OLTY, town, Transcaucasia, Russia, XXIII. 515.
- OLYBRIUS, Roman emperor, XVII. 765.
- OLYMPIA, ancient town, Greece, XVII. 765.
- , town, Washington Territory, U.S.A., XXIV. 387.
- OLYMPIACUS, Lysias's oration, xv. 119.
- OLYMPIADS, in chronology, v. 711.
- OLYMPIAS, mother of Alexander the Great, XVII. 770; xv. 142.
- OLYMPIC (or OLYMPIAN) GAMES, v. 711; VIII. 140; x. 63; XI. 94; XVII. 766.
- OLYMPIUM, temple of Zeus, at Athens, III. 2.
- OLYMPUS, habitation of the gods, XVII. 770.
- , mountain, Arcadia, Greece, XVII. 770.
- , mountain, Thessaly, Greece, XVII. 770; XI. 81; XXIII. 298.
- , mountains, Mysia, Asia Minor, XVII. 122; II. 706; III. 792.
- , town, Lycia, Asia Minor, XVII. 770; xv. 93.
- , Phrygian musician, XVII. 770.
- OLYNTHIACS, Demosthenes's orations, VII. 70.
- OLYNTHUS, town, ancient Greece, XVII. 771; xv. 137; taken by Philip of Macedon, xv. 139.
- , Haeckel's ideal sponge, XXII. 413.
- OMAGH, town, Ireland, XXIII. 713.
- OMAHA, town, Nebraska, U.S.A., XVII. 771.
- OMAHAS, American-Indian tribe, XII. 832; totems of, XXIII. 468.
- O'MAHONY, John, Fenian leader, XIII. 271.
- OMAN, kingdom, Arabia, II. 238, 261.
- OMAR I., caliph, XVI. 550, 563; at Jerusalem, VI. 622.
- II., caliph, XVI. 574.
- KHAYYAM, Persian poet and mathematician, XVII. 771.
- OMAYYADS, Moslem dynasty, XVI. 565; II. 258; in Spain, XXII. 310; coins of, XVII. 660.
- OMBO, district, Tibet, XXIII. 341.
- OMBOS, Temple of, Egypt, VII. 783.
- OMBRES CHINOIS, puppet-show shadows, xv. 547.
- OMENS, VII. 293; xv. 201; of augurs, III. 72; totemistic, XXIII. 469.
- OMETEPEC, volcano, Nicaragua, XVII. 477.
- OMICUND, Bengali political agent, VI. 10.
- OMMIADES. See Omayyads.
- OMM SHOMAR, mountain, Sinai, Arabia, XXII. 88.
- OMNIBUS, coach, v. 136.
- BILL (1850), in United States politics, v. 818.
- OMNIMETER, Eckhold's, theodolite, XXII. 719.
- OMOA, town, Honduras, XII. 130.
- OMPHALE (Cybele), Lydian goddess, xv. 99.
- OMRA, ceremony at Mecca, xv. 674.
- OMRI, king of Israel, XIII. 406.
- OMSK, town, Siberia, XVII. 772.
- ON, ancient town, Egypt, VII. 769.
- ONAGER, wild ass, I. 259; XII. 175.
- ONAS, tribe, Tierra del Fuego, XXIII. 384.
- ONCA, Altar of, at Thebes, Greece, XXIII. 230.
- ONCHESTOS, Amphictyony of, Greece, I. 773.
- ONCORHYNCHUS, genus of fishes, XXI. 224.
- ONCOSIN, mineral, XVI. 425.
- ONDO, state, West Africa, XXIV. 754.
- ONEGA, lake, Russia, XVII. 772, 764; river, XVII. 772; XXI. 73; town, XVII. 772.
- ONEGLIA, town, Italy, XIX. 532.
- ONEIDA, Lake, New York, U.S.A., XVII. 451.
- CANAL, North America, XXI. 180.
- COMMUNITY, American communistic society, XVII. 772; VI. 212.
- O'NEILL, Hugh, Irish chief, XIII. 265.
- , Owen Roe, Irish leader, XIII. 267.
- , Shane, Rebellion of, in Ireland, XIII. 264.
- O'NEILLS, Irish sept, XIII. 250.
- ONEIROMANCY, divination by dreams, VII. 293; xv. 206.
- ONEIZA, town, Arabia, XVII. 773.
- ONEKOTAN, island, Kuriles, Asia, XIV. 160.
- ONESIMUS, of Scripture, XVIII. 741.
- ONGOLE, town, India, XVII. 321.
- ONGTONG JAVA, islands, South Pacific, XXII. 252.
- ONIAS I.-III., Jewish high priests, XIII. 420.
- ONIN, peninsula, New Guinea, XVII. 386.
- ONION, vegetable, XII. 285.
- ONITSHA, town, West Africa, XVII. 498.
- ONKELOS, Targum of, XXIII. 63.
- ONOBRYCHIS, genus of plants, XXI. 155.
- ONOCROTALUS, genus of birds, XVIII. 474.
- ONOLZBACH (Ansbach), town, Bavaria, II. 91.
- ONOMACRITUS, Greek seer and poet, XVII. 774.
- ONOMASTICON, Pollux's work, XIX. 403.
- ONOMASTUS, winner of Olympian prize, XXII. 185.
- ONOMATOPŒIA, in philology, XVIII. 768.
- ONONDAGA, Lake, New York, U.S.A., XXII. 818.
- ONOPORDON, genus of plants, XXIII. 307.
- ONTARIO, Lake, North America, XVII. 451; XXI. 180, 182.
- , province, Dominion of Canada, XVII. 774.
- MINE, Utah, U.S.A., XXIII. 815.
- ONTENIENTE, town, Spain, XVII. 776.
- ONTOLOGY, in philosophy, XVI. 79; XVIII. 795; in relation to ethics, VIII. 574; to psychology, XX. 37; Ferrier on, IX. 110; Herbart on, XI. 718; Xenocrates's system of, XXIV. 718.
- ONUBA (Huelva), Roman town, Spain, XII. 334.
- ONURIS, Egyptian divinity, VII. 718.
- ONYCHA, incense, XII. 718.
- ONYCHOPHORA, order of Annelida, II. 69.
- ONYCHOTEUTHIS, genus of Mollusca, XVI. 671.
- ONYX, precious stone, XVII. 776; I. 277; XXI. 310.
- OODEYPURE (Udaipur), state and town, India, XXIII. 716; v. 768; XX. 260.
- OOGENESIS, in embryology, XX. 414.
- OJJEIN, town, India, XXIII. 719.
- OOKIEP, town, Namaqualand, South Africa, XVII. 168.
- OOLITE, mineral, XVI. 397.
- ROCKS, in geology, x. 355.
- OLOGY, in ornithology, III. 772; Des Murs on, XVIII. 32.
- OOMARKOTE (Umarkot), town, India, XXIII. 221.
- OOPHORE, in plants, XX. 430.
- OOPHORECTOMY, in surgery, XXII. 691.
- OORUN (Uran), town, India, XXIII. 221.
- OOSPOREÆ, class of plants, III. 693.
- OOTACAMUND (Utakamand), town, India, XVII. 509.
- OOZE DEPOSITS, of Norwegian Sea, XVII. 593; of Pacific Ocean, XVIII. 123.
- OPAH, fish, XVII. 777.

- OPAL, precious stone, XVII. 777; XVI. 390.
- OPALINSKI, Christopher, Polish satirist, XIX. 302.
- OPATOW, town, Poland, XX. 218.
- OPENER, in cotton manufacture, VI. 491.
- OPENSHAW, town, England, XVII. 777.
- OPERA, in music, its origin, XVII. 86, 87, 94; English, VII. 437; Italian, XXIV. 315.
- BUFFA (or BOUFFE), XVII. 99; XXI. 25; Offenbach's, XVII. 732.
- OPÉRA COMIQUE, XVII. 98.
- OPERA HOUSE, at Paris, XVIII. 277; XXIII. 225.
- OPERETTE MORALI, Leopardi's work, XIV. 464.
- OPHEL, hill, Jerusalem, XIII. 638.
- OPHICALCITE, marble, XV. 529; XXI. 683.
- OPHICLEIDE, musical instrument, XVII. 778.
- OPHIDIA, order of reptiles, XXII. 189; classification of, XX. 439, 445; parasites of, XVIII. 260; of America, I. 684.
- OPHIOLITE, stone, XXI. 683.
- OPHIOPHAGUS, genus of snakes, XXII. 196.
- OPHIR, of Scripture, XVII. 780.
- OPHITE, stone, XXI. 682.
- OPHIURIDEA, order of Echinodermata, VII. 634.
- OPHTHALMIA, eye disease, XVII. 780; in Egypt, VII. 704.
- OPHTHALMOLOGY, XVII. 780; as branch of medicine, XV. 797.
- OPHTHALMOMETER, scientific instrument, VIII. 820.
- OPHTHALMOSCOPE, instrument for examining the eye, XVII. 786.
- OPICANS, or Oseans, ancient Italian people, XVIII. 54; XIII. 445.
- OPIE, Amelia, English writer, XVII. 787.
- , John, English painter, XVII. 787; his friendship with Walcot, XXIV. 628.
- OPISOMETER, for measuring distances on a map, XXII. 721.
- OPISTHOBRANCHIA, order of Mollusca, XVI. 655.
- OPISTHOCOMUS, genus of birds, XII. 28.
- OPISTHOGRAPHS, of the Catacombs, V. 209.
- OPITZ, Martin, German dramatist, VII. 440; X. 530.
- OPIUM, drug, XVII. 787, 231; as a poison, XIX. 278; eating and smoking of, XVII. 793, 794; smoking, in China, V. 671; cultivation of, in India, III. 508, 568; XII. 749; XVIII. 409; cultivation, in Persia, XVIII. 625; opposition of the Chinese to trade in, V. 651.
- OPOCZNO, town, Poland, XX. 218.
- OPODELDOC, liniment, XVII. 795.
- OPORTO, town, Portugal, XVII. 795; library of, XIV. 532; wine trade, XXIV. 609.
- OPOSSUM, marsupial mammal, XVII. 796; XV. 380, 382; XVIII. 728; skins of, IX. 838.
- SHRIMP, crustacean, VI. 658.
- OPOTCHKA, town, Russia, XX. 36.
- OPPEL, N. M., on the classification of reptiles, XX. 435.
- OPPELN, town, Prussia, XVII. 797; district, XXII. 52.
- OPPENHEIM, town, Germany, XVII. 797.
- OPPENHEIMER, Stüss, Würtemberg minister, XXIV. 702.
- OPPIAN, Greek poet, XVII. 797; XII. 393.
- LAW, Roman, XXII. 644.
- OPPIDOLO, town, Italy, XVIII. 214.
- OPPIDUM UBIORUM (Cologne), ancient town, Germany, VI. 152.
- OPPIUS, Caius, friend of Julius Caesar, XVII. 797.
- OPPOLZER'S OBSERVATORY, Vienna, XVII. 713.
- OPPOSITES, Pythagorean theory of, XX. 138.
- OPS, Italian goddess, XXI. 321.
- OPTICAL ERRORS, XXIV. 435.
- OPTICAL GLASS, Manufacture of, X. 665.
- OPTICAL ILLUSIONS, II. 205.
- OPTICAL INSTRUMENTS, XVII. 801, 806.
- OPTICAL SQUARE, surveying instrument, XXII. 720.
- OPTIC NERVE, I. 889; VIII. 816; diseases of, XVII. 784.
- OPTICS, XVII. 798; XIV. 577, 580; optical arrangements of the eye, VIII. 817; laws of, in relation to the microscope, XVI. 258; to the telescope, XXIII. 139; wave theory of light, XXIV. 421; contributions to the science by Arago, II. 303; by Brewster, IV. 276; by Newton, XVII. 438; by Porta, XIX. 526.
- , Geometrical, XVII. 798.
- OPTIC THALAMI, XIX. 37.
- OPTIGRAPH, variety of camera lucida, IV. 740.
- OPTIMISM, in philosophy, XVIII. 684.
- OPUNTIA, group of Cactaceæ, IV. 626.
- OPUNTII, Locri, ancient Greek people, XIV. 764.
- OPUS MAJUS, of Roger Bacon, III. 220.
- OPUS QUADRATUM, in Roman buildings, XX. 809.
- ORACH, vegetable, XII. 285.
- ORACLE, ORACLES, XVII. 808; of Greece, XIX. 91; of Delphi, VII. 53.
- ORÆFAJÖKULL, mountain, Iceland, XII. 616.
- ORĀGOS, mountains, Brazil, IV. 223.
- ORAN, town, Algeria, XVII. 809.
- ORANGE, tree and fruit, XVII. 810; XII. 272.
- , town, France, XVII. 812; population, XXIV. 114; university of, XXIII. 839.
- ORANGE, town, New Jersey, U.S.A., XVII. 813.
- , Princes of, XII. 74, 79; XVII. 812; their connexion with house of Stuart, XII. 79.
- , William the Silent, Prince of, XXIV. 582; XII. 76.
- , William, Prince of (William III. of England), XXIV. 578; XII. 81; invited to England, VIII. 351.
- COLOURS, in dyeing, VII. 578.
- ORANGEMEN, association of Irish Protestants, XVII. 813.
- ORANGE-NASSAU, or Orange, House of, XII. 74, 79; XVII. 812.
- ORANGE RIVER, South Africa, I. 254; V. 42.
- ORANGE RIVER FREE STATE, South Africa, I. 270; V. 45; XVII. 813.
- ORANGITE, mineral, XVI. 425.
- ORANG-OUTAN, ape, II. 149.
- ORANGS, Malayan people, XV. 323, 324.
- ORANIENBAUM, town, Russia, XVII. 814; XXI. 190, 194.
- ORATORIAN, religious society, XVII. 347; XVI. 713.
- ORATORIO, in music, XVII. 85, 100; Handel's oratorios, XI. 435; Haydn's, XI. 540; Mendelssohn's, XVI. 8.
- ORATORY, Brougham's, IV. 374; Burke's, IV. 544; Demosthenes's, VII. 72; Earl of Derby's, VII. 112; Fox's, IX. 500; Grattan's, XI. 63; Greek, XI. 142; Robert Hall's, XI. 392; Isæus's, XIII. 376; Isocrates's, XIII. 388; Lysias's, XV. 118; Roman, XX. 719.
- , in architecture, II. 468.
- , Congregation of the, XVII. 346; XVI. 713.
- ORAZI, Giovanni B., Italian flute-maker, XXIII. 521.
- ORBELIAN, John, Georgian prince, as Prester John, XIX. 716.
- ORBISTON, Scotland, Owen's community at, XVIII. 88.
- ORBIT, of comets, VI. 182.
- ORBITOLITES, genus of Foraminifera, IX. 377.
- ORCA, genus of cetacean mammals, XV. 398.
- ORCADES, the ancient Thule, XXIII. 328.
- ORCAGNA, Italian painter, sculptor, and architect, XVII. 814; IX. 771; XXI. 568; his glass-paintings, X. 669.
- ORCELLA, genus of cetacean mammals, XV. 398.
- ORCHARD CULTURE, I. 384.
- ORCHARD-HOUSE, in horticulture, XII. 225, 278.
- ORCHESOGRAPHY, dancing notation, VI. 800.
- ORCHESTRA, ORCHESTRATION, in music, XVII. 98.
- ORCHESTRION, musical instrument, XVII. 106.
- ORCHHA, native state, India, XVII. 816.

- ORCHIAN LAW, Roman, XXII. 644.
 ORCHIDS, family of plants, XVII. 816; XII. 266.
 ORCHIL, or Archil, purple dye, II. 379; XIV. 559.
 ORCHIS, genus of plants, XVII. 816.
 ORCHOMENUS, town of Arcadia, Greece, XVII. 818.
 —, town of Boeotia, Greece, XVII. 818.
 ORCUS, Roman divinity, XIX. 236.
 ORDEAL, XVII. 818; in Siam, XXI. 852; by the Styx, XXII. 614.
 ORDER, or Ordination, sacred rite, XVII. 820.
 ORDERICUS VITALIS, Norman historian, XVII. 821.
 ORDER OF PRECEDENCE, British, XIX. 662.
 ORDERS, Holy, v. 826; XVII. 820.
 —, Monastic, XVI. 703.
 — OF KNIGHTHOOD, XIV. 121; of St John of Jerusalem, XXI. 173; of Knights Templars, XXIII. 160; of Teutonic Knights, XXIII. 201; military, XVI. 709.
 ORDINALIA, ancient Cornish drama, v. 323.
 ORDINARY, in law, XVII. 821.
 ORDINATION, sacred rite, XVII. 820.
 ORDIN-NASTOCHKIN, Russian statesman, XXI. 96.
 ORDNANCE, Construction of, XI. 288, 305.
 —, Surveyor-general of, British, II. 572.
 — SURVEY, of Great Britain, VII. 599; X. 191, 210; methods of, XXII. 708, 711; maps of, X. 210.
 ORDOÑO, kings of Leon, XXII. 311.
 ORDOVICES, British tribe, XXI. 648.
 ORDUBAD, town, Transcaucasia, Russia, XXIII. 515.
 ORDUS, Mongol tribes, XVI. 744.
 OREADES, in Greek mythology, XVII. 688.
 ÖREBRO, town, Sweden, XVII. 821; county, XXII. 741.
 ORE-DRESSERS, machines, XVI. 59.
 OREGON, or Columbia, river, U.S.A., XVIII. 116.
 —, State, U.S.A., XVII. 822; early exploration and settlement of, XXIII. 758, 767.
 — CITY, Oregon, U.S.A., XVII. 825.
 O'REILLY, Don Alexandro, Spanish governor of New Orleans, XVII. 404.
 OREL, government, Russia, XVII. 825; XXI. 69; town, XVII. 826.
 ORELLANA, Francis, Spanish explorer, I. 654.
 ORENBURG, government, Russia, XVII. 826; XXI. 69; town, XVII. 827.
 — GUM, XIV. 310.
 ORENSE, province and town, Spain, XVII. 827.
 OREPOSA, Count, Spanish minister, XXII. 333.
 ORES, Dressing of, XVI. 462; extraction of metals from, XVI. 57.
 ORESME, Nicole, French bishop and economist, XIX. 354.
 ORESTES, of Greek legend, XVII. 827.
 —, Euripides's play, VIII. 677.
 —, barbarian ruler of Italy, XVII. 726; XX. 781.
 ORFA (Edessa, *q.v.*), town, Turkey in Asia, VII. 653.
 ORFFYREUS (J. E. E. Bessler), his perpetual motion, XVIII. 554.
 ORFILA, Mathieu Joseph Bonaventure, toxicologist, XVII. 828.
 ORFORD, Earls of (Robert and Horace Walpole), XXIV. 335, 333.
 ORGAN, musical instrument, XVII. 828; Vogler's improvements on, XXIV. 272.
 —, American, XI. 483.
 ORGANIC CHEMISTRY, v. 544.
 ORGANINA, musical instrument, XVII. 106.
 ORGANISTRUM, musical instrument, XIX. 65.
 ORGANON, of Aristotle, II. 516.
 ORGAN PIPES, Length and notation of, XVII. 103.
 ORGANUM, musical instrument, XIX. 65.
 ORGIES, Greek rites, XVII. 839.
 ORGUINETTE, musical instrument, XVII. 106.
 ORHY, mountain, France, XX. 126.
 ORIANA, wife of Amadis of Gaul, XX. 654.
 ORIBASIIUS, Byzantine anatomist, I. 804; XV. 804.
 ORIBATIDÆ, family of Arachnida, XVI. 528; II. 276.
 ORICHES, Tungus tribe, Siberia, XXIII. 608.
 ORIEL COLLEGE, Oxford, XVIII. 97.
 ORIEL WINDOW, II. 460.
 ORIENTAL REPUBLIC OF THE URUGUAY, South America, XXIV. 14.
 ORIFLAMME, sacred banner of France, IX. 279.
 ORIGANUM, genus of plants, XXIII. 333.
 ORIGEN, early Christian writer, XVII. 839; as Biblical interpreter, XI. 745; on the canon, v. 6, 9; his commentary on Canticles, v. 33; on Celsus's discourse against Christianity, v. 295; creed of, VI. 559; his Hexapla, III. 646; on inspiration, XIII. 155; his part in the Septuagint, XXI. 669.
 ORIGINAL SECEDERS, Scottish religious denominations, XV. 132; XXIII. 728.
 ORIGINAL SIN, XIX. 669; Pelagian doctrine regarding, XVIII. 472.
 ORIGIN OF SPECIES, III. 689; Lamarck on, XIV. 232.
 ORIGIN OF SPECIES, Darwin's work, XXIV. 77, 81.
 ORIGIN OF THE WORLD, Myths of the, XVII. 143, 156.
 ORIHUELA, town, Spain, XVII. 843.
 ORIK, Spain, Battle of (1139), XIX. 540.
 ORIN, lake, Tibet, XXIII. 339.
 ORINOCO, river, South America, XVII. 843; Raleigh's expeditions to, XX. 262.
 —, Alto, territory, Venezuela, XXIV. 140.
 ORIOLE, bird, XVII. 844; XII. 696.
 ORION, constellation, XVII. 844; nebulae of, II. 820.
 —, of Greek legend, XVII. 844; XIX. 559.
 ORISSA, province, Bengal, India, XVII. 844; districts and population of, III. 567.
 ORISTANO, town, Sardinia, XXI. 309; river, XXI. 308.
 ORITHYIA, in Greek legend, III. 59.
 ORIYA LANGUAGE, India, Dictionaries of, VII. 191.
 ORIZABA, or Orizava, town, Mexico, XVII. 845.
 —, Peak of, Mexico, XVI. 215.
 ORJEN, mountain, Dalmatia, VI. 783.
 ORKHAN, Turkish prince, XXIII. 641.
 ORKLA, river, Norway, XVII. 575.
 ORKNEY AND SHETLAND, county, Scotland, XVII. 845; area and population, XXI. 528; representation, XXIII. 727.
 ORKNEYINGA, Icelandic book, XII. 625.
 ORKNEY ISLANDS, Scotland, XVII. 845; the ancient Thule, XXIII. 328; acquired by Scotland, XXI. 495.
 ORLANDO FURIOSO, Ariosto's work, II. 503; XIII. 509; Harington's translation of, XI. 479.
 ORLANDO INAMORATO, of Boiardo, III. 862.
 ORLE, in heraldry, XI. 696.
 ORLEANS, town, France, XVII. 849; university of, XXIII. 838.
 —, island, in the St Lawrence, Quebec, XX. 165.
 —, Bastard of (Dunois), VII. 544.
 —, Dukes of, XVII. 852.
 —, Charles, duke of, French poet, XVII. 851.
 —, Maid of (Joan of Arc, *q.v.*), XIII. 695.
 —, Anne Marie Louise d', duchesse de Montpensier, XVI. 792.
 — HOUSE, Twickenham, England, XXIII. 674.
 ORLOFF (Orel), government, Russia, XVII. 825; town, XVII. 826.
 —, town, Vyatka, Russia, XXIV. 303.
 —, Russian family of, their relation to Catherine II., v. 233.
 —, Alexis, Russian admiral, XXI. 99.
 — DIAMOND, VII. 166.
 ORME, Robert, historian of British India, XVII. 853.
 ORMER SHELL, XVII. 2; XVI. 645.
 ORMIN, early English writer, VIII. 395, 410.
 ORMISTA, Orosius's work, XVIII. 50.

- ORMONDE, Earls of, Ireland, XIII. 261; XXIII. 406.
 —, First Earl of, XIII. 260.
 —, First Duke of, XVII. 854.
 ORMSKIRK, town, England, XVII. 856.
 ORMULUM, English metrical Scripture paraphrase, 13th century, VIII. 395.
 ORMUS, town on Persian Gulf, XVII. 856.
 ORNUZD, or Ahura-Mazda, Zoroastrian principle of good, XVII. 858; VII. 136; XVIII. 327; XXIII. 238; XXIV. 822.
 ORNAMENTS, of jewellery, XIII. 675.
 ORNE, department, France, XVIII. 1; river, XVIII. 1.
 ORNITHODELPHIA, group of Mammalia, XV. 371, 377.
 ORNITHOLITES, fossil birds, III. 729.
 ORNITHOLOGY, XVIII. 2 (index, 49); III. 699.
 ORNITHOPODA, order of fossil reptiles, XX. 443.
 ORNITHOPTERUS, genus of fossil reptiles, XX. 87.
 ORNITHORHYNCHIDÆ, family of monotreme mammals, XV. 371, 377.
 ORNITHORHYNCHUS, genus of monotreme mammals, XV. 371, 377; XIX. 213.
 ORNITHOSAURIA, order of extinct reptiles, XX. 87, 443.
 ORNITHOSCELIDA, class of fossil reptiles, XX. 443.
 OROBANCHÆ, parasitic plants, XVIII. 265.
 OROBII, Rhaetian people, XX. 505.
 ORODES I., Parthian king, XVIII. 596.
 — II., Parthian king, XVIII. 600.
 OROKS, people, Saghalin, Asia, XXI. 147.
 OROLAUNUM (Arlon), town, Belgium, II. 543.
 ORON, lake, Siberia, XXII. 5.
 ORONTES, river, Syria, XXII. 821; legend of, II. 131.
 —, satrap of Mysia, XVIII. 579, 580.
 OROPUS, ancient town, Greece, XVIII. 50; III. 60.
 OROSIUS, Paulus, Spanish writer, XVIII. 50; King Alfred's translation of his Histories, XIX. 316.
 OROS STAVRO, mountain, Cyprus, VI. 747.
 OROTAVA, town, Teneriffe, Canaries, IV. 799.
 OROTIÑAN, language, Nicaragua, XVII. 479.
 O'ROURKS, family, Leitrim, Ireland, XIV. 433.
 ORPHAN LECTURES, Andrewes's, II. 21.
 ORPHAN OF CHAOU, Chinese drama, V. 666.
 ORPHAT (Arafat), mountain, Arabia, II. 300.
 ORPHEUS, of Greek legend, XVIII. 51.
 — AND EURIDICE, Gluck's opera, X. 694.
 ORPHISM, Greek religious system, XVIII. 51; orphic mysteries, XVII. 125.
 ORPIMENT, mineral, XVIII. 51; II. 635; XVI. 394.
 ORRERY, Earl of (Charles Boyle), IV. 183.
 —, Earl of (Roger Boyle), IV. 185.
 ORRHOENE, or Osrhoene, district, Mesopotamia, XVI. 47; XVIII. 57.
 ORRIS-ROOT, perfume, XVIII. 52; IX. 280.
 ORSEOLO, Pietro, doge of Venice, XXIV. 142.
 ORSINI, Roman family, XX. 796, 806.
 —, Felice, Italian patriot, XVIII. 52; his attempt on the life of Napoleon III., IX. 624; XVII. 228.
 —, Giacinto Bobone (Pope Celestine III.), V. 291.
 —, Vincenzo Marco (Pope Benedict XIII.), III. 559.
 ORSK, town, Russia, XVIII. 52.
 ORTEGA, Melchor, Spanish romancist, XX. 659.
 ORTELIUS, or Ortell, Abraham, Flemish geographer, XVIII. 52.
 ORTES, Giammaria, Italian economist, XIX. 363.
 ORTGIES, Franz Hermann, Berlin journalist, XVII. 428.
 ORTHAGORIDÆ, tyrants of Sicily, XXII. 32.
 ORTHAGORISCUS, genus of fishes, XVII. 777; XXII. 658.
 ORTHEZ, town, France, XX. 127.
 ORTHITE, mineral, XVI. 409, 410.
 ORTHOCLASE, mineral, XI. 48; XVI. 419.
 ORTHOGRAPHIC PROJECTION, in geometry, XIX. 797.
 ORTHONECTIDA, group of animal parasites, XVIII. 259.
 ORTHONYX, genus of birds, XVIII. 52.
 ORTHO-PHOSPHORIC ACID, XVIII. 818.
 ORTHOPTERA, order of insects, XIII. 152.
 ORTHORHAPHA, group of insects, VII. 256.
 ORTHOTOMIC SURFACES, in geometry, XXII. 672.
 ORTHOTOMUS, genus of birds, XXIV. 367.
 ORTHOTROPIC ORGANS, in plants, XIX. 61.
 ORTI ESPERIDI, Metastasio's poem, XVI. 104.
 ORTIS, Jacopo, Foscolo's Letters of, IX. 471.
 ORTOLAN, bird, XVIII. 53.
 ORTYGIA (Syracuse), island, Sicily, XXII. 813.
 ORTYX, genus of birds, XX. 147.
 ORTYXELUS, genus of birds, XX. 147.
 ORVIETO, town, Italy, XVIII. 53.
 ORWELL, river, England, XXII. 621.
 ORYCTEROPODIDÆ, family of edentate mammals, XV. 388.
 ORYEKHOFF - ZUYEFF, town, Russia, XVIII. 54.
 ORYZA, genus of plants, XX. 538.
 ORYZORICTINÆ, subfamily of insectivorous mammals, XV. 405.
 OSACCA (Ozaka), town, Japan, XVIII. III; XIII. 578.
 OSAGES, American-Indian tribe, XII. 832.
 OSAKA, town, Japan, XVIII. III; XIII. 578.
 OSAMARE, station on the Niger, Africa, XVII. 498.
 OSBORN, Sherard, English admiral and explorer, XVIII. 54.
 OSBORNE, Captain Henry, governor of Newfoundland, XVII. 386.
 — HOUSE, royal residence, Isle of Wight, England, VI. 532.
 OSCANS, ancient nation, Italy, XVIII. 54; XIII. 445; Oscan dialect, XX. 661.
 OSCAR I., king of Sweden, XXII. 752.
 — II., of Sweden, XXII. 753.
 OSCILLATION, of parachutes, I. 201; in ships, XXI. 813; tidal, XXIII. 359.
 OSCINES, group of birds, XVIII. 47.
 OSCINIS VASTATOR, wheat pest, XXIV. 535.
 ÖSEL, island, Baltic, XIV. 723.
 OSGOODE HALL, Toronto, Canada, XXIII. 448.
 OSHBUNA, Moslem name of Lisbon, XIV. 693.
 —, island, Lew-Chew group, XIII. 569; XIV. 490.
 OSHKOSH, town, Wisconsin, U.S.A., XVIII. 55; population, XXIV. 617.
 OSHMIANY, town, Russia, XXIV. 234.
 OSHOGBO, town, West Africa, XXIV. 754.
 OSIANDER, Andreas, German Reformer, XVIII. 55; his theological views, XV. 85.
 —, Lukas, German ecclesiastic, XVIII. 55.
 OSIER, willow, XXIV. 589.
 OSIRIS (Apis), Egyptian divinity, II. 173; VII. 714, 716; XVII. 151; XXI. 674.
 OSIUS, or Hosius, bishop of Cordova, XII. 300.
 OSKALOOSA, town, Iowa, U.S.A., XVIII. 55.
 OSLER'S ANEMOMETER, II. 25.
 OSMAN I., Ghazi, Ottoman sultan, XVIII. 55.
 — II., Ottoman sultan, XVIII. 55; XXIII. 644.
 —, Turkish ruler, XXIII. 640.
 — PASHA, Turkish general, XXIII. 652.
 OSMANLIS, or Ottoman Turks, XXIII. 640, 661.
 OSMERUS, genus of fishes, XXI. 221, 223.
 OSMIRIDIUM, mineral, XVI. 383; XIX. 192.
 OSMIUM, chemical element, V. 537; XIX. 189, 193.

- OSMOSIS, absorption process in plants, XIX. 44.
- OSNABRÜCK, town, Prussia, XVIII. 55.
- OSORIO, Geronymo, Portuguese writer, XVIII. 56.
- OSPREY, bird, XVIII. 56.
- OSRED, Northumbrian king, XVII. 570.
- OSRHOENE, district, Mesopotamia, XVIII. 57; XVI. 47.
- OSRIC, Northumbrian king, XVII. 570.
- OSROES, Parthian ruler, XVIII. 603.
- OSSA, mountain, Thessaly, Greece, XXIII. 298.
- OSSAU, mountain, France, XX. 126.
- OSSEINE, constituent of bone, XVIII. 815.
- OSSEOUS TISSUE, or Bone, I. 853.
- OSSET-CUM-GAWTHORPE, town, England, XVIII. 57.
- OSSETES, Circassian race of people, V. 257.
- OSSETIC LANGUAGE, Dictionary of, VII. 190.
- OSSETR, fish, XXII. 612.
- OSSIAN, Poems of, XV. 166; V. 331; IX. 75; X. 13; Blair's dissertation on, III. 803; Italian translation of, V. 366.
- OSSIIFRAGE, bird, XIV. 244; XVIII. 56.
- OSSOLI, Marchioness, American authoress, XVIII. 57.
- OSTADE, Adrian, Dutch painter, XVIII. 57.
- , Isaac, Dutch painter, XVIII. 59.
- OSTASHKOFF, town, Russia, XVIII. 59; XXIII. 672.
- OSTEND, town, Belgium, XVIII. 60; siege of (1601), XII. 78.
- OSTENSION, Fête d', at Limoges, XIV. 652.
- OSTEOID TUMOURS, XVIII. 371.
- OSTEOLOGY, I. 820. See also XXII. 105.
- OSTEOMALACIA, disease, XVIII. 375.
- OSTEOMATA, outgrowths of bone, XVIII. 371.
- OSTER, town, Russia, XXIII. 96.
- OSTERGÖTLAND, county, Sweden, XXII. 741.
- OSTERSTEIN, castle, Germany, X. 438.
- OSTERVALD, Jean Frédéric, Swiss theologian, XVIII. 60.
- OSTGAARD, N. R., Norwegian novelist, XVII. 592.
- OSTHEIM, district, Germany, XXI. 349.
- OSTIA, ancient town, Italy, XVIII. 60.
- OSTIAKS, Finnish tribe, Siberia, XVIII. 61; in Russia, XXI. 251.
- OSTPREUSSEN, province, Prussia, XX. 19.
- OSTRACISM, Athenian political institution, XVIII. 61; XI. 97.
- OSTREA, genus of Mollusca, XVI. 638, 685, 694; XVIII. 106.
- OSTRICH, bird, XVIII. 62; African, I. 259; American, XX. 505; Arabian, II. 243; Patagonian, XVIII. 353; feathers of, IX. 60; XVIII. 63.
- OSTROFF, town, Russia, XX. 36.
- OSTROG, town, Russia, XXIV. 282.
- OSTROGOTHS, or East Goths, X. 848; in time of Theodosius I., XXIII. 257; law code of, XXI. 216.
- OSTROGOZHSK, town, Russia, XXIV. 298.
- OSTROLENKA, town, Russia, XIV. 817.
- OSTROW, town, Russia, XIV. 817.
- OSTROWICE, town, Poland, XX. 218.
- OSTSEE (Baltic, *q.v.*), III. 293.
- OSTSWINE, town, Prussia, XXIV. 633.
- OSTUNI, town, Italy, XVIII. 63.
- ÖST-VAAGÖ, island, Norway, XIV. 769.
- OSTYAKS, or Ostiaks, Finnish tribe, XVIII. 61; XXI. 251.
- OSUNA, town, Spain, XVIII. 63; XXI. 708.
- , Duke of, Quevedo's relations with, XX. 178.
- OSWALD, king of Northumbria, XVIII. 63; XVII. 569; XXI. 475.
- OSWALDTWISTLE, town, England, XVIII. 64.
- OSWEGO, town, New York, U.S.A., XVIII. 64.
- , FLOUR, XV. 310.
- OSWESTRY, town, England, XVIII. 64.
- OSWIECIM (Auschwitz), town, Austria, III. 100.
- OSWIN, St. Priory of, Tynemouth, England, XXIII. 675.
- OSWULF, king of Northumbria, XVII. 570.
- OSWY, king of Northumbria, XVII. 569.
- OSYUT (Asioot, *q.v.*), town, Upper Egypt, XXII. 103.
- OTAGO, town, New Zealand, XVII. 470; university of, XVII. 470; XXIII. 856.
- OTAHEITI (Tahiti), island, Pacific, XXIII. 22.
- OTAMISH, division of Turkomans, XVI. 43.
- OTARIDÆ, family of carnivorous mammals, XV. 442.
- OTFRID, or Otfried, German poet, X. 517, 522.
- OTHELLO, Shakespeare's play, XXI. 764; source of the plot, X. 620.
- OTHER, or Ohthere, Norse navigator, XIX. 316; I. 507.
- OTHGAR, Frankish margrave, XX. 651.
- OTHIVYOTH DE-RABBI AKIBAH, Midrash, XVI. 286.
- OTHO I., emperor, XVIII. 66; X. 483; XIII. 469; XX. 788.
- II., emperor, XVIII. 66; X. 485.
- III., emperor, XVIII. 66; X. 485; XX. 790; in Italy, XIX. 497; in Poland, XIX. 286.
- IV., emperor, XVIII. 67; X. 491.
- (of Nordheim), duke of Bavaria, XI. 667.
- , king of Greece, XI. 125.
- , prince of Savoy, XXI. 339.
- of Freising, German historian, XVIII. 67; XIX. 714.
- , Marcus Salvius, Roman emperor, XVIII. 64.
- OTHMAN, caliph, XVI. 548, 549, 563.
- , or Osman, I., Turkish ruler, XXIII. 640.
- II., Turkish sultan, XXIII. 644; XVIII. 55.
- BEN AFFAN, Mohammed's son-in-law, XVI. 548, 563, 604.
- OTIORHYNCHUS, genus of insects, XXIV. 238.
- OTIS, genus of birds, IV. 579.
- , James, American lawyer and politician, XVIII. 67; I. 721; XXIII. 736.
- OTITIS, or Ear-Ache, disease, VII. 594.
- OTLEY, town, England, XVIII. 68.
- OTOB BUTTER, vegetable fat, XVII. 744.
- OTOCORYS, genus of birds, XIV. 316.
- OTOCYON, genus of carnivorous mammals, XV. 439.
- OTOES, American-Indian tribe, XII. 832.
- OTORRHEA, disease of the ear, VII. 594.
- OTRANTO, town, Italy, XVIII. 68.
- , Duke of (Joseph Fouché), IX. 476.
- OTRIC of Saxony, mediæval teacher, XXII. 74.
- OTTAWA, town, Canada, XVIII. 68; river, XX. 165; XXI. 181.
- , town, Illinois, U.S.A., XVIII. 69.
- OTTAWAS, American-Indian tribe, XII. 831.
- OTTENSEN, town, Prussia, XVIII. 69.
- OTTER, carnivorous mammal, XVIII. 69; XV. 439; skins of, IX. 838; hunting, XII. 396.
- OTTERBEIN, P. W., founder of United Brethren in Christ, XXIII. 727.
- OTTERBURN, England, Battle of (1388), XXI. 490.
- OTTEREN, river, Norway, XVII. 575.
- OTTER-HOUNDS, XII. 316.
- OTTER-HUNTING, XII. 396.
- OTTER PEAK, mountain, Virginia, U.S.A., XXIII. 794.
- OTTO, or Otho (*q.v.*), emperors, XVIII. 66, 67.
- , Dr. his gas-engine, XXII. 523.
- OTTOBONI, Pietro (Pope Alexander VIII.), I. 490.
- OTTOCAR I.—II., kings of Bohemia, III. 860.
- OTTOMAN EMPIRE, XXIII. 640.
- OTTOMAN LITERATURE, XXIII. 640, 656.
- OTTOMANS, or Ottoman Turks, XXIII. 661; in Greece, XI. 120.
- OTTOMAQUES, tribe of South-American Indians, I. 703.
- OTTO (or ATTAR) OF ROSES, perfume, III. 52; XX. 851.
- OTTOWALD, mountain, Germany, XXI. 349.
- OTTRELITE, mineral, XVI. 413.
- OTTUMWA, town, Iowa, U.S.A., XVIII. 70.
- OTUMBA, Mexico, Battle of (1520), VI. 442.
- OTWAY, Thomas, English dramatist, XVIII. 70; VII. 435.

- OUACHITA, river, Louisiana, U.S.A., xv. 20.
- OUB, river, Namaqualand, South Africa, xvii. 168.
- UDART, Paul Louis, illustrator of birds, xviii. 12.
- OUDE, or Oudh, province, India, xviii. 71; xii. 809.
- UDENARDE, town, Belgium, xviii. 71; battle of (1707), iii. 126; ix. 582; xv. 555.
- UDH, province, India, xviii. 71; annexation of, by the British, xii. 809; birds of, iii. 762.
- UDINOT, Charles Nicolas, duke of Reggio, French marshal, xviii. 73.
- UDNEY, Dr, African traveller, v. 801.
- UGHTRED, William, English mathematician, xviii. 74; i. 514.
- ULLINS, town, France, xx. 529.
- UNALASKA, island, Aleutian group, North Pacific, i. 480.
- OUNCE, carnivorous mammal, xv. 435.
- UNDLE, town, England, xvii. 556.
- UPLYTZ, fortress, Georgia, Russia, x. 785.
- OURQC CANAL, Paris, xviii. 285.
- OURGA, or Urga, town, Mongolia, xxiv. ii.
- OURIQUE, or Orik, Spain, Battle of (1139), xix. 540.
- OURO PRETO, town, Brazil, xviii. 74.
- OUSE, river, Sussex, England, xxii. 723.
- , river, Yorkshire, England, xxiv. 747.
- , Great, river, England, iii. 483; iv. 727; xii. 397; xvii. 536.
- USEL, bird, xviii. 74.
- USELEY, Sir F. A. G., his experiments on resultant tones, xvii. 93.
- , Sir William, English Orientalist, xviii. 75.
- USTITIS, or Marmosets, group of apes, ii. 154.
- UTCROP, of rocks, in geology, x. 298.
- UTFANGTHEOF, Cinque Port privilege, v. 787.
- OUTLAW, in English law, xviii. 75.
- OUTPOSTS, of an army, xxiv. 363.
- OUTRAM, Sir James, English general, xviii. 76.
- OUTRIGGER, racing boat, xxi. 31, 805.
- OVA, of fishes, ix. 244; xii. 660.
- OVA-HERERO, African tribes, xvii. 319.
- OVAR, town, Portugal, xviii. 76; xix. 537.
- OVARIOTOMY, in surgery, xxii. 690.
- OVARY, of mammals, xv. 368; function of, in reproduction, xx. 407.
- OVATION, honour to Roman conquerors, xviii. 76.
- OVEN, heating chamber, xviii. 76; iii. 257; vi. 118; ix. 840.
- OVENUS (John Owen), Latin epigrammatist, xviii. 85.
- OVERBECK, Baron von, settler, North Borneo, xxi. 124.
- OVERBECK, Johann Friedrich, German painter, xviii. 76.
- OVERBURY, Sir Thomas, his poisoning, xxii. 260.
- OVER DARWEN, town, England, xviii. 77.
- OVERGNAGHI, political party of mediæval Italy, xiv. 768.
- OVERHAIR, in fur, ix. 836.
- OVERHEAD RAILWAYS, xx. 240.
- OVER-TIDES, xxiii. 362, 365.
- OVERTURE, in music, xvii. 87, 95.
- OVERYSSEL, province, Holland, xviii. 77.
- OVBOS, musk-ox, xvii. 108.
- OVID (Publius Ovidius Naso), Roman poet, xviii. 78; xx. 723; language and style of, xiv. 335; representative of the Augustan age, iii. 83.
- OVIDO, Kingdom of, Spain, xxii. 311.
- , province, Spain, ii. 824; xviii. 84.
- , town, Spain, xviii. 84; church of Sta Maria de Naranco near, ii. 432.
- y VALDEZ, Gonzalo Fernandez de, Spanish historian, xviii. 84.
- OVIKAK, Greenland, Nickel iron found at, xvi. 113.
- OVIISTS, versus Animalculists, xxiv. 815.
- OVO, Castel dell', Naples, xvii. 189.
- OVOC, vale, Wicklow, Ireland, xxiv. 557.
- OVRUTCH, town, Russia, xxiv. 282.
- OVULE, rudimentary seed, in plants, iv. 145.
- OVULUM, genus of Mollusca, xvi. 651.
- OVUM, in animals, i. 844; xx. 413; fertilization of, xxi. 721; of mammals, xv. 368; works on its structure and morphology, viii. 168.
- OWASCO, Lake, New York, U.S.A., xvii. 451.
- OWEGO, town, New York, U.S.A., xviii. 85.
- OWEN, John (1560–1622), Latin epigrammatist, xviii. 85.
- , John (1616–1683), Puritan theologian, xviii. 85; xii. 728; on Presbyterianism, xix. 689.
- , Sir Richard, on birds, xviii. 24; on the classification of reptiles, xx. 438; his zoological classification, xxiv. 807.
- , Robert, English philanthropist and socialist, xviii. 86; xxii. 207, 209; on communism, vi. 211.
- GLENDOWER, Welsh prince, x. 678; viii. 320; xi. 660.
- OWENBOROUGH, town, Kentucky, U.S.A., xviii. 88.
- OWENS COLLEGE, Manchester, England, xv. 462; xxiii. 854.
- OWEN'S LAKE, California, U.S.A., iv. 698.
- OWENSON, Sydney (Lady Morgan), English novelist, xvi. 823.
- OWEN'S RIVER, California, iv. 698.
- OWEN STANLEY MOUNTAINS, New Guinea, xvii. 387.
- OWEN TUDOR, his marriage to Catherine of Valois, v. 237.
- OWL, bird, xviii. 88.
- OWL-PARROT, of New Zealand, xiii. 825.
- OWNERSHIP, in law, xix. 560.
- OWYHEE, river, Nevada, U.S.A., xvii. 367.
- OX, xv. 432. See also Cattle.
- OXALIC ACID, xviii. 91; as a poison, xix. 277.
- OXALIS, genus of plants, xii. 285.
- OXALITE, mineral, xvi. 428.
- OX-BIRD, xxi. 260.
- OXENSTIERNA, Axel, count of, Swedish statesman, xviii. 92; v. 702; xxii. 748.
- , Johan Gabriel, Swedish poet, xxii. 756.
- OXEYE, bird, xxiii. 419.
- OXFORD, county, England, xviii. 93; representation, xxiii. 727.
- , town, England, xviii. 94; boat-racing at, xxi. 31; colleges, viii. 317; libraries, xiv. 519, 544; Arundelian marbles, ii. 671; observatories, xvii. 710; heliometer in observatory, xxiii. 149; newspapers, xvii. 422; university, xxiii. 837, 838, 852; i. 69; Provisions of (1258), viii. 311; xvi. 788; Anthony Wood's History of, xxiv. 643.
- , First Earl of, English statesman, xviii. 99; his relations with Dean Swift, xxii. 764.
- METHODISM, xvi. 185.
- OXHAVEERITE, mineral, xvi. 421.
- OX HIDES, for tanning, xiv. 380, 383.
- OXIDATION COLOURS, for calico-printing, iv. 689.
- OXIDATIONS, in plants, xix. 51.
- OXIDES, oxygen compounds, in chemistry, v. 477, 544; xvi. 61; group of minerals, xvi. 385; of carbon, v. 87; of iron, xiii. 279; of mercury, xvi. 33; of platinum, xix. 192; of potassium, xix. 591; of silver, xxii. 71.
- OXLEY, John, Australian explorer, iii. 104.
- OXLIP, plant, xix. 737.
- OXON, or Oxford, county, England, xviii. 93; xxiii. 727.
- OX-POWER, in mechanics, xv. 772.
- OXTON, town, England, xvii. 599.
- OXUS, river, Central Asia, xviii. 101; xi. 822; xxiii. 511, 512; at Khiva, xiv. 63.
- OXYBI, Ligurian tribe, xiv. 639.
- OXY-CALCIUM LAMP, xv. 212.
- OXYGEN, chemical element, v. 479; its action in iron and steel, xiii. 284; in ocean water, xxi. 612; as plant-food, xix. 48; spectrum of, xxii. 375; thermometric properties of, xi. 574; Lavoisier's theory of, xiv. 353.
- OXYHÆMOGLOBIN, constituent of red blood-corpuscles, xx. 483.

OXYHYDROGEN FLAME, XVIII. 105.
 OXYNOTUS, genus of birds, XVIII. 106.
 OXYSULPHURETS, minerals, XVI. 396.
 OXYURIS, genus of nematode worms, XVII. 324; XXIV. 205.

OVER AND TERMINER, in English law, XVIII. 106.

OYKEL, river, Scotland, XX. 854.

OYO, town, West Africa, XXIV. 754.

OYSTER, edible mollusc, XVIII. 106; XVI. 638, 694; artificial propagation of, XIX. 128; dredge for, VII. 460; destruction of beds, XIX. 126; fisheries for, IX. 265, 523; at Sables d'Olonne, France, XXI. 129; of Chesapeake Bay, U.S.A., III. 299.

— BAY, town, Long Island, New York, U.S.A., XIV. 866.

— CATCHER, bird, XVIII. 111.

OZAKA, town, Japan, XVIII. 111; XIII. 578.

OZANAM, Antoine Frédéric, French Neo-Catholic critic, XVIII. 112.

OZARK MOUNTAINS, U.S.A., I. 678.

OZEROFF, Vladislaff A., Russian dramatist, XXI. 106.

OZOCERITE, or Ozokerite, mineral wax, XVIII. 112; XVI. 429.

OZOLÆ, Locri, ancient Greek people, XIV. 764.

OZONE, form of oxygen, XVIII. 113; V. 481.

P, the sixteenth letter of the alphabet, XVIII. 114.

PABAK, Persian prince, XVIII. 607.

PACASMAYO, town, Peru, XVIII. 674.

PACATIANA, Phrygian province, XVIII. 852.

PACCHERI, Antonio, encaustic painter, VIII. 186.

PACCHIA, Girolamo del, Italian painter, XVIII. 114.

PACCHIAROTTO, Jacopo, Italian painter, XVIII. 114.

PACCHIONIAN BODIES, in the brain, I. 865.

PACHECO, Francisco, Spanish painter, XVIII. 114; his relations with Velazquez, XXIV. 131.

—, Juan V. G., Spanish governor of Mexico, XVI. 219.

PACHNOLITE, mineral, XVI. 384.

PACHOMIUS, founder of the monastic life, I. 10; XVI. 699.

PACHUCA, town, Mexico, XVI. 214.

PACHYDERMATA, division of ungulate Mammalia, XV. 421.

PACHYMERES, Georgius, Byzantine historian, IV. 613.

PACHYTILUS, genus of locusts, XIV. 765.

PACIFIC OCEAN, XVIII. 114; first seen by Balboa, III. 274; explorations of, X. 193, 195; marine fishes of, XII. 679; islands, XIX. 418.

PACINIAN CORPUSCLES, attached to nerves, I. 862.

PACIOLI, Fra Luca, Italian painter, XIX. 82.

PACK, Hydropathic, XII. 544.

PACKET-SERVICES, Postal, XIX. 567.

PACKFONG, German silver, X. 446.

PACOCCHA, town, Peru, XVIII. 674.

PACORUS I., Parthian king, XVIII. 597.

— II., Parthian king, XVIII. 603.

PACTA CONVENTA, articles signed by Polish kings, XIX. 292.

PACTOLUS, river, Asia Minor, XV. 99; the golden stream of Sardis, XXI. 310.

PACUVIUS, Marcus, Roman tragic poet, XVIII. 129; language of, XIV. 332.

PADAMO, river, South America, XVII. 843.

PADANG, residency and town, Sumatra, XXII. 639.

PADAS, river, North Borneo, XXI. 123.

PADDINGTON, district of London, XIV. 822.

PADDLE-WHEEL STEAM SHIPS, XXI. 824.

PADDY-BIRD, XXI. 782.

PADERBORN, town, Prussia, XVIII. 130.

PADIHAM, town, England, XVIII. 130.

PADILLA, Juan Lopez de, Spanish insurrectionary leader, XVIII. 130; V. 414; XXII. 328.

—, Maria de, mistress of Pedro I. of Castile, XVIII. 450; XXII. 320.

PADLOCK, lock, XIV. 744.

PADUA, town, Italy, XVIII. 131; Arena chapel at, II. 455; school of medicine, XV. 809; observatory, XVII. 713; school of painting, XXI. 436, 442; pictures, XXI. 447; sculpture, XXI. 569; university, XXIII. 833, 836.

PADUCAH, town, Kentucky, U.S.A., XVIII. 132.

PADUS (Po), river, Italy, XIX. 251.

PÆDAGOGICS, science of education, VII. 677.

PÆDAGOGUE, The, by Clement of Alexandria, V. 819.

PÆONIA, district, north of Macedonia, XV. 136.

—, genus of plants, XVIII. 132.

PÆONY, plant, XVIII. 132; XII. 257.

PAESI, Il Giovane de' (Girolamo Muziano), Italian painter, XVII. 114.

PAESIELLO, or Paisiello, Giovanni, Italian musical composer, XVIII. 140; XVII. 99.

PÆSTUM, Greek town, Italy, XVIII. 132; temple at, II. 410.

PÆTUS, Thræsea, Roman Stoic, XVIII. 663.

PAEZ, José Antonio, president of Venezuela, XVIII. 133.

—, Pedro, Jesuit missionary to Abyssinia, XVIII. 133.

PAGAN, Comte de, on fortification, IX. 441.

PAGANINI, Nicolo, Italian violinist, XVIII. 134.

PAGANIS, Hugh de, founder of Knights Templars, XXIII. 160.

PAGANISM, in relation to Christianity, V. 694; VIII. 623.

PAGASÆUS SINUS, Greece, XXIII. 299; XXIV. 282.

PAGE, valet or damoiseau, in chivalry, XIV. 117; royal, of England, XXI. 38.

—, C. G., his discovery of electromagnetic sounds, XXIII. 127.

PAGEANTS, Dramatic, VII. 416.

PAGET, Henry William, marquis of Anglesey, II. 30.

PAGING BOOKS, Machinery for, XXII. 461.

PAGLIORBA, Mont, Corsica, VI. 439.

PAGODAS, of Burmah, II. 397; Chinese, II. 449; of India, II. 396; porcelain, at Nanking, XVII. 172; ruins of the Thousand Pagodas, Java, IV. 214.

PAGUS, hill near Smyrna, Asia Minor, XXII. 186.

PAHANG, district, Malay Peninsula, XV. 322; river, XV. 321.

PAHLAVI, language of the Zoroastrian sacred books, XVIII. 134, 655; dictionary of, VII. 190.

PAI FANG, monuments, China, II. 449.

PAI-HOI, mountains, Russia, XXIV. 3.

PAI KULI, Fire temple of, Kurdistan, XIV. 159.

PAILLE-MAILLE, game, VI. 608.

PAI LOO, or Pai Fang, monuments, China, II. 449.

PAIN, Sensations of, XXIII. 482; psychological analysis of, XX. 40, 67, 71; mesmeric insensibility to, XV. 281.

PAINE, Thomas, social and political writer, XVIII. 136; his influence on the American revolution, XXIII. 742; Erskine's defence of, VIII. 530.

PAINT, Luminous, XIV. 603.

PAINTED BUNTING, bird, XVII. 534.

PAINTERS, List of the chief, XXI. 442.

PAINTERS' COLIC, disease, VI. 140.

PAINTERS' WORK, in building, IV. 510.

PAINTING, XXI. 433; XVIII. 137; as a fine art, IX. 206; in relation to poetry, XIX. 262; encaustic, VIII. 185; fresco, IX. 769; on glass, X. 667; mural, XVI. 39; ancient classical, II. 353, 358, 363, 366; academies of, I. 78; Leonardo's treatise on, XIV. 462.

—, Schools of, XXI. 433.

PAINTS, or Pigments, XIX. 85.

PAISANO, bird, VI. 687.

PAISI, Bulgarian monk, XXII. 150.

PAISIELLO, Giovanni, Italian musical composer, XVIII. 140; XVIII. 99.

PAISLEY, town, Scotland, XVIII. 140.

PAITA, or Payta, town, Peru, XVIII. 441.

PÁJARES, pass, Spain, XXII. 293.

PAJOU, Augustin, French sculptor, XVIII. 141.

PAKHOI, town, China, XVIII. 141.

PAKHT, Egyptian divinity, VII. 718.

PAKLAT LANG, town, Siam, XXI. 853.

- PAKNAM, town, Siam, XXI. 853.
 — PHO, river, Siam, XXI. 850.
 PAK PATTAN, town, India, XVI. 789.
 PALACKY, Frantisek, Bohemian historian, XVIII. 142.
 PALADIN, knight, XVIII. 142.
 PALA D'ORO, altarpiece, St Mark's, Venice, XXIV. 152; VIII. 183.
 PALÆARCTIC REGION, in zoology, VII. 269.
 PALÆICHTHYES, subclass of fishes, XII. 685.
 PALÆMON, genus of crustaceans, XXI. 847.
 PALÆOCRYSTIC SEA, XIX. 320, 328.
 PALÆOGRAPHY, XVIII. 143; Egyptian, XI. 794; Greek, XIX. 610; Hebrew, XI. 597; Mexican, XVI. 212; Madden's work on, XV. 176. See also Alphabet and Inscriptions.
 PALÆOLITHIC PERIOD, in archæology, II. 336.
 PALÆOLOGUS, Byzantine family name, XVIII. 165.
 —, Andronicus II., Byzantine emperor, II. 23.
 —, John V., Byzantine emperor, v. 27.
 —, John VI. and VII., Byzantine emperors, XIII. 713.
 —, Manuel II., Byzantine emperor, XV. 505.
 —, Michael VIII., Byzantine emperor, XI. 120; XVI. 227.
 PALÆONEMERTEA, suborder of worms, XVII. 326, 330.
 PALÆONTOLOGY, in geology, x. 319; in relation to archæology, II. 333; of animals, VII. 281; of birds, III. 728; of fishes, XII. 666; mammalian, XV. 374; of American mammals, I. 682; Agassiz's researches in, I. 275; Lyell's contributions to, xv. 102.
 PALÆORNIS, genus of birds, XVIII. 321.
 PALÆOTHERIUM, genus of fossil ungulate mammals, XV. 429.
 PALÆOTYPE, system of writing speech-sounds, A. J. Ellis's, I. 608; list of symbols, XXII. 385.
 PALÆOZOIC ROCKS, x. 328.
 PALÆPHATUS, Greek writer, XVIII. 166.
 PALÆPOLIS, ancient town, Italy, XVII. 190.
 PALÆSTRA, or Wrestling School, x. 64; Olympian, XVII. 767.
 PALÆTYRUS, part of ancient Tyre, XXIII. 711.
 PALAFOX Y MELZI, José de, duke of Saragossa, Spanish general, XVIII. 166.
 PALAGONITE, rock, x. 235.
 PALAMAU, division, India, XIV. 806.
 PALAMCOTTA, town, India, XXIII. 405.
 PALAMEDEA, genus of birds, XXI. 552.
 PALAMEDES, romance, xx. 648.
 PALAMIDHI, fortress, Nauplia, Greece, XVII. 249.
 PALAMITES (Hesychasts), sect of Greek Church, XI. 782.
 PALANPUR, native state, India, XVIII. 166.
 PALATE, I. 825, 895; VII. 223; XXIII. 79; of mammals, xv. 361.
 PALATINATE, The, province, Bavaria, XVIII. 166; III. 453.
 PALATINE, Counties, in England, VI. 513.
 — HILL, Rome, xx. 822.
 PALATINES, Polish senators, XIX. 288.
 PALATINE SALII, Roman priests, xv. 570.
 PALAWAN, island, Philippines, XVIII. 752.
 PALAZZOLO, town, Italy, XVIII. 167.
 PALE, in heraldry, XI. 694.
 PALEARIO, Aonio, Italian humanist and Reformer, XVIII. 167.
 PALEMBANG, residency and town, Sumatra, XXII. 639.
 PALENCIA, province, Spain, XVIII. 168.
 —, town, Spain, XVIII. 168; university, XXIII. 839.
 PALENQUE, Ruins of, Mexico, XVIII. 168; I. 693; II. 450.
 PALEOPREVEA, town, Greece, XVII. 490.
 PALERMO, town, Sicily, XVIII. 160; XXII. 23, 31; libraries, XIV. 530, 548; observatory, XVII. 714; ancient silk weaving industry, XXIII. 208.
 PALES, Italian deity, XVIII. 170.
 PALESTINE, country, Western Asia, XVIII. 170; XXII. 821; XXIII. 653; conquest of, by the Arabs, II. 257; settlement of Israelites in, XIII. 400; in time of the crusades, VI. 627; ancient agriculture of, I. 292; coins of, XVII. 650; modern, Jews in, XIII. 686.
 PALESTRINA (Præneste), town, Italy, XIX. 654.
 —, Giovanni Pierluigi da, Italian musical composer, XVIII. 178; XVII. 84.
 PALETTE, Painter's, XVIII. 137.
 PALEY, William, English theologian and philosopher, XVIII. 181; ethics of, VIII. 605.
 PALFYN, Jean, on surgical anatomy, I. 815.
 PALGHAT, town, India, XVIII. 182.
 PALGRAVE, Sir Francis, English historian, XVIII. 182; on English state papers, xx. 313.
 PALHANPOOR (Palanpur), native state, India, XVIII. 166.
 PALI, Buddhist language, XVIII. 183; literature in, XVIII. 184; of Ceylon, v. 366; dictionaries of, VII. 191.
 PALICE OF HONOUR, Gawain Douglas's poem, VII. 377.
 PALILIA, Roman festival, XVIII. 170.
 PALIMPSESTS, manuscripts, XVIII. 185, 162; IV. 38; of brass, IV. 219.
 PALINDROME, reversible sentence, XVIII. 186.
 PALINGENESIS, Ballanché's work on, III. 286.
 PALIO DELLE CONTRADE, Sienese festival, XXII. 38.
 PALISADE, in fortification, IX. 422.
 PALISADES, The, New York, U.S.A., XXIII. 795.
 PALISSY, Bernard, French potter, XVIII. 186; XIX. 629.
 PALITANA, state, India, XVIII. 187.
 PALLA, or Pallium, the pall, an ecclesiastical dress, XVIII. 189; VI. 461, 463.
 —, or Pallium, Roman dress, VI. 453, 456; XXIII. 207.
 —, Giuoco della, Italian tennis, XXIII. 179.
 PALLADIA, wife of Salvian, XXI. 238.
 PALLADIO, Andrea, Italian architect, XVIII. 187; II. 438, 440.
 PALLADIUM, or Palladion, image of Pallas, XVIII. 188; II. 831; XXIII. 583.
 —, metal, XIX. 189, 193; XVI. 383; as chemical element, v. 538; discovery of, XXIV. 633.
 PALLADIUS, St, early missionary to Ireland, XIII. 247.
 —, Rutilius Taurus Æmilianus, Roman writer, XVIII. 188.
 — PATRICK, bishop in Ireland, XVIII. 412.
 PALLANTIA (Palencia), ancient town, Spain, XVIII. 168.
 PALLANZA, town, Italy, xv. 198.
 PALLAS, asteroid, II. 806.
 —, Peter Simon, German naturalist and traveller, XVIII. 188; on birds, XVIII. 8.
 — ATHENE, II. 830; owl of, XVIII. 91.
 PALLAS'S SAND-GROUSE, Irruptions of, III. 770. See also XXI. 259.
 PALLAVAS, dynasty, Mysore, India, XVII. 123.
 PALLAVICINO, Ferrante, Italian satirist, XVIII. 188.
 —, Sforza, cardinal, XVIII. 189.
 PALLENE, Mount, Macedonia, xv. 138.
 PALLIATA, section of Mollusca, XVI. 655.
 —, Roman comedy, VII. 411.
 PALLISER SHELL AND SHOT, I. 745.
 PALLIUM, ecclesiastical dress, XVIII. 189; VI. 461, 463.
 —, ancient cloak, VI. 453, 456; XXIII. 207.
 PALM, tree, XVIII. 189; as garden tree, XII. 267; stem of, IV. 104; cocoa-nut, of Ceylon, v. 363; sugar, XXII. 628; Indian palms, XII. 748.
 —, Johann, German bookseller shot by Napoleon, XVII. 663.
 —, Johannes Henricus van der, Dutch historian, XII. 97.
 PALMA, island, Canaries, IV. 799.
 —, town, Majorca, Spain, XVIII. 191; church at, II. 433.

- PALMA, Giovane, Italian painter, XVIII. 192.
 —, Jacopo, Italian painter, XVIII. 191.
 —, Ricardo, Peruvian writer, XVIII. 676.
 — CAMPANIA, town, Italy, XVIII. 191.
 — DI MONTECHIARO, town, Sicily, XVIII. 191.
 PALMAROLA, ancient Palmaria, island, Italy, XIX. 460.
 PALMARY SYNOD, at Rome, 6th century, XIX. 492.
 PALMBLAD, Vilhelm Frederik, Swedish writer, XXII. 757.
 PALMELLA, Count of, Portuguese politician, XIX. 552.
 PALMER, Edward Henry, English Orientalist, XVIII. 192.
 —, John, inventor of mail-coaches, XIX. 566.
 —, Ray, American hymn-writer, XII. 596.
 —, Samuel, English painter, XVIII. 192.
 PALMERIN ROMANCES, XX. 656.
 PALMERSTON, town, South Australia, XXII. 284.
 —, Viscount, English statesman, XVIII. 193; VIII. 367.
 PALMETTO STATE (South Carolina), U.S.A., XXII. 286.
 PALMISTRY, method of divination, VII. 293; punishment for, XXIV. 622.
 PALMITIN, fatty substance, XVII. 740; XXII. 202; XXIII. 35.
 PALM-KERNEL CAKE, XVII. 739.
 PALM NUT, XVII. 664.
 PALM OIL, XVII. 744.
 PALM-OIL TREE, I. 269.
 PALM SUNDAY, XVIII. 198.
 PALM-TREE WAX, XXIV. 459.
 PALMYRA, ancient town, Syria, XVIII. 198; commerce of, VI. 199.
 PALMYRENE NUMERALS, XVII. 625.
 PALNI, town, India, XV. 192.
 — HILLS, India, XV. 184, 192.
 PALOLO, edible annelid, II. 71; XIX. 420.
 PALOMINO DE CASTRO Y VELASCO, Acisclo Antonio, Spanish painter and writer, XVIII. 203.
 PALOS, district, Celebes, Indian Archipelago, V. 290.
 PALOUSE COUNTRY, Washington Territory, U.S.A., XXIV. 386.
 PALPA, town, Peru, XVIII. 674.
 PALPITATION, of the heart, XI. 554.
 PALS GRAVES, of the Rhine, XVIII. 166.
 PALS, disease, XVIII. 255.
 PALUDAN-MÜLLER, Frederik, Danish poet, XVIII. 203; VII. 93.
 PALUDICELLA, genus of Polyzoa, XIX. 430.
 PALUDINA, genus of snails, XXII. 188.
 PALUS MÆOTIS, or Sea of Azoff, Russia, III. 169.
 PALWAL, town, India, XVIII. 203.
 PAMAKASAN, town, Madura, Indian Archipelago, XV. 193.
 PAMALANG, town, Java, XIII. 606.
 PAMALI, Javanese taboo, XXIII. 17.
 PAMBAL, river, India, XXIII. 525.
 PAMBAM, town, India, XX. 266.
 PAMELA, wife of Lord Edward Fitzgerald, IX. 271.
 —, Richardson's novel, XX. 543.
 PAMIERS, town, France, XVIII. 203.
 PAMIR, plateau, Central Asia, II. 686; XVIII. 103; XXIII. 633; lake, XVIII. 103.
 —, state, Asia, XI. 823.
 PAMISUS, river, Greece, XVI. 52.
 PAMPAS, of the Argentine Republic, II. 487.
 — GRASS, XX. 319.
 PAMPELUNA, or Pamplona, town, Spain, XVIII. 207.
 PAMPERO, wind, South America, XVI. 149.
 PAMPHILI, Giovanni Battista (Pope Innocent X.), XIII. 85.
 PAMPHILUS, early Christian scholar, XVIII. 203.
 —, Greek painter, II. 363.
 PAMPHLETS, XVIII. 204; XVII. 413; arrangement of, in libraries, XIV. 538.
 PAMPHYLIA, region, Asia Minor, XVIII. 206; coins of, XVII. 648.
 PAMPLONA, town, Spain, XVIII. 207.
 PAN, Greek god, XVIII. 207.
 —, Egyptian divinity, VII. 718.
 —, or Betel-Leaf, Indian spice, XII. 748.
 PANÆTIUS, Stoic philosopher, XVIII. 208; XXII. 571.
 PANAMÁ, town, Central America, XVIII. 208; isthmus, VI. 825.
 — CANAL, IV. 794; XVIII. 209; Pater-son's project of, XVIII. 360.
 — HATS, XXII. 594.
 — PEARL FISHERY, XVIII. 447.
 PANARIA, one of the Lipari Islands, Mediterranean Sea, XIV. 683.
 PANATHENÆA, Athenian festival, XVIII. 209; XXIII. 294.
 PANAX GINSENG, plant, X. 605.
 PANAY, island, Philippines, XVIII. 752.
 PANCA TANTRA, or Panchatantra, Sanskrit fables, VIII. 837; XXI. 287.
 PANCHARATAS, heretical sect of Brahmins, XXI. 291.
 PANCHATANTRA, or Five Books, Sanskrit fables, XXI. 287.
 PANCHAYAT, Indian village council, XII. 772.
 PANCH MAHALS, district, India, XVIII. 210.
 PANCHPIRI (Bazigars), tribe, India, III. 459.
 PANCOUCKE, Charles Joseph, French journalist, XVII. 424; his Encyclopédie, VIII. 202.
 PANCRATIUM, Roman athletic sport, III. 12; X. 63.
 PANCREAS, Anatomy of the, VII. 232; its function, XVII. 674.
 PANCREATIC JUICE, XVII. 676.
 PANCREATINE, ferment, IX. 96.
 PANCSOVA, town, Hungary, XVIII. 210.
 PANDA, carnivorous mammal, XV. 441.
 PANDALUS, genus of crustaceans, XXI. 846.
 PANDAREUS, of Greek mythology, XXIII. 48.
 PANDARUS, of Greek legend, XVIII. 210.
 PAN DE AZUCAR, copper-mines, Uruguay, XXIV. 15.
 PANDECTS, of Justinian, XIII. 793; XX. 712.
 PANDEGLANG, town, Java, XIII. 606.
 PANDER, Christian, his investigations in embryology, VIII. 165.
 PANDERPUR, or Pandharpur, town, India, XVIII. 210; XXI. 832.
 PANDION, genus of birds, XVIII. 56.
 PANDORA, of Greek mythology, XXIV. 782.
 PANDRETHAN, India, Temple at, II. 397.
 PANDUA, ancient town, India, X. 112, 115.
 PANEL, in architecture, II. 468.
 — PAINTING, XXIII. 158.
 PANE WORK, in architecture, II. 470.
 PANGENESIS, Darwin's hypothesis, III. 690.
 PANGOLIN, edentate mammal, XVIII. 210; XV. 388.
 PANHANDLE, district, West Virginia, U.S.A., XXIV. 517.
 PANHORMUS (Palermo), ancient town, Sicily, XVIII. 160.
 PANICACEÆ, group of grasses, XI. 58.
 PANICUM, genus of plants, XVI. 321.
 PANIEFUL, Lake, on the Senegal, Africa, XXI. 660.
 PANINI, Sanskrit grammarian, XXI. 292.
 PANIONIUM, PANIONIA, sanctuary and festival, Asia Minor, XIII. 205.
 PANIPAT, town, India, XVIII. 211; battle of (1526), I. 239; battles of (1526, 1556, 1761), XIV. 5.
 PANIZZI, Sir Anthony, librarian, XVIII. 211; his correspondence with Prosper Mérimée, XVI. 38.
 PANJAB, or Punjab (*q.v.*), province, India, XX. 106.
 PANJAH, river, Central Asia, XVIII. 103.
 PANJHIR, valley, Hindu Kush, XI. 839.
 PANJIM (New Goa), town, India, X. 707.
 PANKÁS, Hindu sect, III. 671.
 PANNA, state, India, XVIII. 213.
 PANNEMAKER, Stéphane, Belgian wood engraver, VIII. 438.

- PANNONIA, ancient Roman Danubian province, XVIII. 213.
- PANOPOLIS (Ekhnin), ancient town, Egypt, VII. 794.
- PANORAMA, pictorial representation, XVIII. 213.
- PANSY, flower, XVIII. 214; XII. 258; XXIV. 241.
- PANTÆNUS, Alexandrian Christian teacher, XVIII. 214.
- PANTAGRUEL, of Rabelais, IX. 652; XX. 194, 196.
- PANTALEON, Jacques (Pope Urban IV.), XXIV. 8.
- PANTALOON, of the pantomime, XVIII. 215.
- PANTANAW, town, Burmah, XXIII. 330.
- PANTELLARIA, island, Mediterranean, XVIII. 214.
- PANTHEISM, XXIII. 234; of Brahmanism, IV. 209; Persian, XVIII. 658; Spinoza's, XXII. 404.
- PANTHEON, at Rome, XX. 828; architecture of, II. 416.
- PANTHÉON, at Paris, XVIII. 276.
- PANTHER, carnivorous mammal, XIV. 463; XV. 435; XX. 104.
- PANTICAPÆON (Kertch), ancient town, Russia, XIV. 52.
- PANTICOSA, spa, Pyrenees, XVI. 433.
- PANTILES, for roofing, IV. 463.
- PANTIN, town, France, XXI. 624.
- PANTISOCRACY, of Coleridge and Southey, VI. 136; XXII. 290.
- PANTOGRAPH, copying instrument, XVIII. 214; XXII. 721.
- PANTOMIME, spectacular representation, XVIII. 215; III. 288; dances of, VI. 800; arrangements of theatre for, XXIII. 226; Roman, VII. 412.
- PANTUNS, Malay poems, XV. 326.
- PANURGE, of Rabelais, XX. 196.
- PANURUS, genus of birds, XXIII. 419.
- PANVEL, town, India, XXIII. 221.
- PANYASIS, Greek poet, XVIII. 216.
- PANYPTILA, genus of birds, XXII. 761.
- PAOLETTI, Ferdinando, Italian economist, XIX. 363.
- PAOLI, Clemente, Corsican patriot, XVIII. 217.
- , Pasquale de, Corsican patriot, XVIII. 216; XVII. 193; Boswell's memoirs of, IV. 78.
- PAOLINO, Fra, Italian writer, XIII. 501.
- PAOLO SERVITA (Pietro Sarpi), Italian divine, XXI. 311.
- PAOU-TING FOO, town, China, V. 633.
- PAPA, town, Hungary, XVIII. 217.
- PAPACY, The, XIX. 487; XX. 783, 785, 791, 805; origin of temporal power of, IX. 531; increase of its power under Innocent III., XIII. 83; in relation to the Jesuits, XIII. 648; at Avignon, XIII. 476.
- PAPÆUS, Seythian deity, XXI. 576.
- PAPAGOES, American-Indian tribe, XII. 833.
- PAPAK, Persian prince, XVIII. 607.
- PAPAL BULL, IV. 519.
- PAPAL DOCUMENTS, form of writing in, XVIII. 156.
- PAPAL INFALLIBILITY, Declaration of the dogma of, XVII. 754; XIX. 158; Leo II. on, XIV. 449.
- PAPAL STATES, Italy, XXII. 460.
- PAPAR, river, North Borneo, XXI. 123.
- PAPARESCI, Gregory (Pope Innocent II.), XIII. 82.
- PAPA-STOUR, island, Shetland, Scotland, XVII. 846.
- PAPAYER, genus of plants, XVII. 231, 787; XIX. 513.
- PAPA-WESTRAY, island, Orkney, Scotland, XVII. 846.
- PAPE, bird, XVII. 534.
- PAPEETE, town, Tahiti, XXIII. 23.
- PAPER, XVIII. 217; invention of, IV. 38; by the Chinese, V. 662; ancient use of, XVIII. 144; made at Mecca (706 A.D.), II. 265; folding of, XXII. 461; for lithographic printing, XIV. 701; manufacture of, XVIII. 219; from esparto grass, VIII. 547; bleaching of materials, III. 821; ruling of, XXII. 461; sizes of, in book printing, XXIII. 700; for walls, IV. 512; XIII. 591; XVII. 38; use of, in filtration, IX. 170.
- CURRENCY, American (1862), XXIII. 775.
- HANGINGS, IV. 512; XVII. 38; Japanese, XIII. 591.
- PAPER-MILDEW, XVI. 294.
- PAPHLAGONIA, province, Asia Minor, XVIII. 227; coins of, XVII. 645.
- PAPHOS, towns, Cyprus, XVIII. 228; VI. 748; temple of, XXIII. 167.
- PAPI, Lazzaro, Italian historian, XIII. 514.
- PAPIANUS, T. Annii (Milo), Roman partisan leader, XVI. 323.
- PAPIAS, bishop of Phrygian Hierapolis, XVIII. 228; on the Gospels, X. 815, 820; his tradition as to Mark's Gospel, III. 643.
- PAPIER MÂCHÉ, pressed paper pulp, XVIII. 228.
- PAPILLOMATA, warts, XVIII. 378.
- PAPILLOTOS, Jasmin's poems, XIII. 594.
- PAPIN, Denis, French physicist, XVIII. 228; inventor of a heat engine, XXII. 474; his improvements on the air-pump, XIX. 246.
- PAPINIAN, Roman jurist, XVIII. 229; XIII. 792.
- PAPPENHEIM, Gottfried Heinrich, count of, imperialist general, XVIII. 229.
- PAPPUS of Alexandria, Greek geometer, XVIII. 229; on Euclid's porisms, XIX. 519; his theorems in mensuration, XVI. 28.
- PAPUA, or New Guinea, island, XVII. 386; II. 687; birds of, III. 739.
- PAPUAN LANGUAGES, XVIII. 231, 780.
- PAPUANS, race of people, III. 112; XII. 817; XVII. 387; of Polynesia, XIX. 422.
- PAPYROTYPE PROCESS, in photography, XVIII. 833.
- PAPYRUS, plant, XVIII. 231; I. 258; VII. 711; use of, for writing, XVIII. 144, 162.
- ROLLS, IV. 37.
- PARA, town, Brazil, XVIII. 233.
- PARABLE, in literature, VIII. 837.
- PARABOLA, in geometry, VI. 273; X. 398; mensuration of, XVI. 19; Archimedes on the quadrature of, II. 381.
- PARABOLOID, Mensuration of the, XVI. 27.
- PARACAIMA MOUNTAINS, British Guiana, XI. 249.
- PARACELSUS, chemist and pathologist, XVIII. 234; XV. 808; on alchemy and medicine, I. 465; on chemistry, V. 459; his entia of disease, XVIII. 361; mysticism of, XVII. 134; on surgery, XXII. 676.
- PARACHUTES, in aeronautics, I. 200, 201.
- PARADISE, XVIII. 236; I. 135; VIII. 537; Tintoretto's painting of, at Venice, XX. 610.
- , in architecture, II. 469.
- , Birds of, III. 778; XV. 504.
- LOST, Milton's, XVI. 336.
- REGAINED, Milton's, XVI. 339.
- PARADISO, Dante's poem, VI. 815.
- PARADOXURE, carnivorous mammal, XV. 436.
- PARÆTACENI (Karategin), ancient country, Central Asia, XIV. 4.
- PARAFFIN, mineral oil, XVIII. 237, 715, 719; XVI. 429; ozocerite, XVIII. 112; candles made from, IV. 803; chemistry of paraffins, V. 556.
- PARAGONITE, mineral, XVI. 413.
- PARAGUA, island, Philippines, XVIII. 752.
- PARAGUARI, town, Paraguay, XVIII. 244.
- PARAGUASU, river, Brazil, IV. 222.
- PARAGUAY, country, South America, XVIII. 243; Indians of, I. 702; Jesuit mission in, XIII. 652; under Francia, IX. 688.
- , river, South America, IV. 222; XIX. 188.
- TEA, or Maté, XV. 627; IV. 227.
- PARAHYBA DO NORTE, or Paraíba, town, Brazil, XVIII. 245.
- PARAKEET, bird, XVIII. 321.
- PARALACTIC ACID, XIV. 197.
- PARALLAX, in astronomy, XVIII. 245; lunar, II. 775.
- PARALLELEPIPEDS, in geometry, X. 387.
- PARALLEL LIVES, Plutarch's, XIX. 232.
- PARALLOGRAMS, Mensuration of, XVI. 15.

- PARALLEL PROJECTION, XIX. 796.
 PARALLELS, Theory of, XVIII. 254.
 —, Magnetic, XV. 235.
 PARALOI, Athenian political party, XIX. 130.
 PARALYSIS, disease, XVIII. 255, 392.
 PARAMAGNETIC BODIES, XV. 244, 262.
 PARAMARIBO, town, Dutch Guiana, XVIII. 257; XI. 251.
 PARAMATTA, or Parramatta, town, New South Wales, XVIII. 321; observatory at, XVII. 716.
 PARAMERAS, Spanish plateaus, XXII. 294, 296.
 PARAMETER, of a conic section, VI. 274; of crystals, XVI. 352.
 PARAMUSHIR, island, Kuriles, XIV. 160.
 PARANÁ, river, South America, IV. 222; XVIII. 243; XIX. 188.
 PARANAHYBA, town, Brazil, XVIII. 258; river, IV. 222.
 PARANGI, disease, in Ceylon, XXIV. 732.
 PARANG LATOK, Malay weapon, XXII. 802.
 PARA-NUT OIL, XVII. 746.
 PARAPET, in architecture, II. 469; in fortification, IX. 421, 425.
 PARAPHERNALIA, Wife's, in law, XII. 401.
 PARAPHRASES, Scripture, Scottish, XII. 593.
 PARAPLEGIA, disease, XVIII. 256.
 PARASARA, Brahman laws, XXI. 288.
 PARASIRA, genus of Mollusca, XVI. 670, 675.
 PARASITES, Animal, XVIII. 258; acarian, II. 275; insect, XIII. 142, 148; vegetable, XVIII. 264; Schizomycetes, XXI. 399; diseases caused by, XV. 796; XVIII. 407; XXII. 123; in man, XXIII. 538; in domestic animals, XXIII. 539; XXIV. 205.
 PARASITIC DISEASES, XVIII. 269, 407.
 PARASITIC MONSTERS, XVI. 766.
 PARASITISM, XVIII. 258.
 PARASOL, or Sunshade, XXIII. 722.
 PARAUTOPTIC LOCK, XIV. 750.
 PARAY-LE-MONIAL, village, France, XXI. 302.
 PARAZOA, or Sponges, XXII. 421.
 PARCÆ, the Fates, in Greek mythology, IX. 49.
 PARCEL POST, XIX. 570.
 PARCHMENT, XVIII. 271; XIV. 390; IV. 37; origin of the word, XV. 143; ancient use of, XVIII. 144.
 PARD, carnivorous mammal, XIV. 463.
 PARDO, Negro or Indian half-breed, XVII. 319.
 —, Felipe, Peruvian poet, XVIII. 676.
 —, Manuel, president of Peru, XVIII. 679.
 PARDON, in law, XVIII. 271.
 PARDOVAN HOUSE, Linlithgowshire, Scotland, XIV. 670.
 PARDUBITZ, town, Bohemia, XVIII. 272.
 PARÉ, Ambroise, French surgeon, XVIII. 272; XXII. 676.
 PAREJA, Juan de, Spanish painter, XVIII. 272.
 PARENCHYMA, plant tissue, IV. 85; XII. 14.
 PARENCHYMATOUS WORMS, XXIII. 50.
 PARENTAL CARE, in animals, XX. 410.
 PARENT AND CHILD, in law, III. 426; XIII. 1; XXIV. 641; in Roman law, XX. 671, 706, 713.
 PARENTHUM (Parenzo), ancient town, Istria, XVIII. 273.
 PARENTUCELLI, Tommaso (Pope Nicholas V.), XVII. 484.
 PARENZO, town, Austria-Hungary, XVIII. 272; basilica at, III. 418.
 PARESIS, disease, XVIII. 256.
 PAREUDIASTES, genus of birds, XVI. 808.
 PARGA, town, Albania, Turkey, XVIII. 273.
 PARGANAS, Twenty-four, district, India, XXIII. 673.
 PARGETTING, in architecture, II. 469.
 PARHELIA, or Mock-Suns, XI. 399.
 PARIA, Gulf of, Trinidad, West Indies, XXIII. 573.
 PARIAS, or Out-castes, India, V. 189; XV. 185.
 PARIAN CEMENT, XI. 351.
 PARIAN CHRONICLE, XVIII. 273; II. 671.
 PARIAN MARBLE, XV. 528.
 PARIANS, Greek people, XVIII. 319.
 PARI BAZAAR, town, Persia, XX. 285.
 PARIGI, country, Celebes, Indian Archipelago, V. 290.
 PARIKIA, town, Paros, Greek Archipelago, XVIII. 319.
 PARILLIN, principle in sarsaparilla root, XXI. 313.
 PARINA-COCHAS, lake, Peru, XVIII. 673.
 PARINI, Giuseppe, Italian poet and satirist, XVIII. 273; XIII. 512.
 PARIS, capital of France, XVIII. 274; capitulation of (1814), IX. 617; XVII. 221; congress of (1856), VI. 271; fortification of (1841), IX. 621; insurrection of (1848), V. 259; peace of (1763), IX. 591; peace of (1856), XXIII. 651; siege of (1870-71), IX. 627; XVIII. 294; under Colbert, IX. 575; under Louis XV., IX. 592; under Étienne Marcel, IX. 546; abattoirs of, I. 6; artesian wells, II. 645; Bastille, III. 430; bourse, XXII. 557; cemeteries, V. 331; conservatoire musicale, VI. 292; institutions for the blind, III. 830; Institut National, XIII. 160; libraries, XIV. 524, 546; Louvre picture gallery, XXI. 445; Rubens's pictures in the Louvre, XXI. 43; newspapers, XVII. 424; Notre Dame, sculptures in, XXI. 562; national observatory, XVII. 712; Grand Opera House, XXIII. 225; sculptures, XXI. 564; the Sorbonne, XXII. 275; technical schools, XXIII. 108; photographic telescope, XXIII. 148; university, XXIII. 834, 846, 850; XVII. 205; water-supply, II. 228.
 PARIS, Declaration of (1856), VII. 21.
 —, king of Troy, XVIII. 295.
 —, Gaston, on the Roland legend, XX. 626.
 —, Matthew (or Matthew of Paris), English historian, XV. 633; VIII. 317, 409.
 — ET VIENNE, romance, XX. 658.
 PARISH, administrative division, in England, XVIII. 295; VI. 513; in Scotland, XVIII. 297; XXI. 536; of United States, XXIII. 731.
 PARISIANS, Lytton's novel, XV. 123.
 PARISINA, of Byron's poem, XX. 556.
 PARIS SKETCH BOOK, Thackeray's, XXIII. 214.
 PARIUM, town, Mysia, Asia Minor, XVII. 122.
 PARK, Mungo, African traveller, XVIII. 297; I. 246; X. 188; XVII. 498.
 PARKAR, Thar and, district, India, XXIII. 221.
 PARKER, Sir Hyde, British admiral, XX. 398.
 —, John, Lollard preacher, XIV. 811.
 —, John Henry, English archæologist, XVIII. 298; on the Catacombs, V. 211.
 —, Matthew, archbishop of Canterbury, XVIII. 298.
 —, Theodore, American preacher and social reformer, XVIII. 300; I. 729; his influence on Unitarianism, XXIII. 726.
 —, William Kitchen, on birds, XVIII. 33; on the biogenetic law of development, XX. 420.
 PARKERSBURG, town, West Virginia, U.S.A., XVIII. 301.
 PARKES, E. A., on the physiological action of alcohol, I. 470; on the effects of tobacco, XXIII. 427.
 —, Mr., his experiments in draining, I. 330.
 PARKS, of the Rocky Mountain region, U.S.A., VI. 161; XXIII. 796.
 PARKYNS, Mansfield, his account of Abyssinia, I. 66.
 PARLIAMENT, British, XVIII. 302; origin of, VIII. 297, 314; development of, XVI. 788; origin of prorogation of, VIII. 336; Act of, I. 122; bill in, III. 673; law of elections, VIII. 2; government by, XI. 12; XIX. 141; Houses of, VIII. 259; petition to, XVIII. 704; powers of, VIII. 322; precedence of members, XIX. 663; procedure in, XVIII. 311; registration of electors for, XX. 344; reporting debates of, XX. 404; writs for summoning, XXIV. 697; Prynne's views on, XX. 26; English, its contention with Charles I., V. 405; English, of 1640, XX. 121; the

- Long, Cromwell in, vi. 598; of Oxford (1258), xi. 659; in France, ix. 567; of Paris (1788), ix. 596; of Provence, xix. 878; the Irish, xiii. 266, 270; Italian, rise of, xiii. 470, 472; of Poland, xix. 290; Scottish, xxi. 484, 502; union of Scottish with English, xxi. 515.
- PARLIAMENT, Houses of, London, xiv. 839.
- PARLIAMENTARY REFORM, English, viii. 364, 365, 367; Pitt's proposals for, viii. 359; xix. 138; Act of 1832, xxi. 64; Acts of 1867-68, xviii. 309; Redistribution Act of 1885, xxiii. 727.
- PARMA, town, Italy, xviii. 314; Correggio's works at, vi. 437; library, xiv. 530, 548; its school of painting, xxi. 437, 443; pictures at, xxi. 447; sculptures in cathedral, xxi. 567.
- PARMENIDES of Elea, Greek philosopher, xviii. 315; viii. 1; Zeno's discussion with, xxiv. 778.
- , Plato's dialogue, xix. 206.
- PARMENIO, Macedonian general, xviii. 317, 585; i. 482; conspiracy and assassination of, i. 483.
- PARNESAN CHEESE, v. 456; xiii. 452; xvi. 292.
- PARNIGIANO (G. F. M. Mazzuoli), Italian painter, xviii. 317; xxi. 437, 443.
- PARNASSUS, mountain, Greece, xviii. 318, 801; iii. 58.
- PARNELL, Henry Brook, Lord Congleton, vi. 265.
- , Thomas, Irish poet, xviii. 318.
- PARNIANS, Parthian tribe, xviii. 588.
- PARNON, mountain, Greece, xiv. 193.
- PARNY, Évariste D. de Forges, Vicomte de, French poet, xviii. 318.
- PARO (Paros), island, Ægean Sea, xviii. 319.
- PAROCHIAL RELIEF, xix. 471.
- PARODY, xviii. 319.
- PAROIKIA, town, Paros, Greek Archipelago, xviii. 319.
- PARONAXIA, islands, Ægean Sea, xviii. 319.
- PAROPAMISUS, or Paropanisus, range of mountains, Persia, ii. 686; Greek colonies in the country of the, xviii. 583.
- PAROPANISADÆ, The, Parthian satrapy, xviii. 586, 592.
- PARORIUS, district, Phrygia, Asia Minor, xviii. 852.
- PAROS, island, Ægean Sea, xviii. 319.
- PAROTITIS, disease, xvii. 22.
- PARQUETRY, mosaic flooring, xviii. 320.
- PARR, fish, xviii. 320; xxi. 224.
- , Catherine, wife of Henry VIII. of England, viii. 337; xi. 665.
- , Samuel, English scholar, xviii. 320.
- , Thomas (Old Parr), his longevity, xiv. 858.
- PARRA, genus of birds, xiii. 531.
- PARRAMATTA, town, New South Wales, xviii. 321; observatory at, xvii. 716.
- PARRET, river, England, xxii. 257.
- PARRHASIANA, ana of Jean le Clerc, i. 785.
- PARRHASIUS of Ephesus, Greek painter, xviii. 321; ii. 363; xxiv. 783.
- PARRIDÆ, family of birds, xiii. 531.
- PARROT, bird, xviii. 321; xiii. 825; xv. 7, 130; xvii. 354; naturalization of, i. 84.
- PARROT-FISHES, xviii. 324.
- PARRUAH (Pandua), ancient town, India, x. 112, 115.
- PARRY, Sir William Edward, Arctic navigator, xviii. 324; x. 192; xix. 319.
- SOUND, district, Ontario, Canada, xvii. 776.
- PARSEES, Eastern race, xviii. 325; their religion (Parsism), xx. 360; the book of their religion, xxiv. 775.
- PARSIFAL, Wagner's opera, xxiv. 316.
- PARSIS, or Parsees (*q.v.*), Eastern race, xviii. 325.
- PARSLEY, herb, xii. 289.
- PARSNIP, vegetable, i. 369; xii. 285.
- PARSON, in English law, xviii. 327.
- PARSON-BIRD, xii. 139.
- PARSONS, Robert, English Jesuit, xviii. 327.
- , William, third earl of Rosse, astronomer, xx. 855.
- PARSONSTOWN, town, Ireland, xviii. 328.
- PARTABGARH, district, Oudh, India, xviii. 328.
- , state, Rajputana, India, xviii. 328; xx. 260.
- PARTANT POUR LA SYRIE, French patriotic melody, xii. 210.
- PARTHAMASPATES, Parthian king, xviii. 604.
- PARTHENIUS, Bithynian poet, xviii. 328.
- , river, Paphlagonia, Asia Minor, xviii. 227.
- PARTHENOGENESIS, of insects, xii. 574; xiii. 146; of plants, xx. 427.
- PARTHENON, temple at Athens, ii. 410; iii. 5; founded by Pericles, xviii. 529; architecture of, ii. 405; sculptures of, ii. 356; xviii. 734.
- PARTHENOPE (Naples), ancient town, Italy, xvii. 190.
- PARTHENOPEAN REPUBLIC (1799), at Naples, ix. 79.
- PARTHIA, Kingdom of, Asia, xviii. 587, 592; capital of, vi. 677; Roman wars with, xx. 766, 774, 777; coins of, xvii. 659.
- PARTHIAN LANGUAGE, xviii. 135.
- PARTHOLAN, in Irish legend, xiii. 243.
- PARTHYENE, Parthian kingdom, xviii. 592.
- PARTICLE, Physical, in mechanics, xv. 698, 702, 704.
- PARTICLES, Free, System of, in mechanics, xv. 718.
- PARTICULAR AVERAGE, in insurance, xiii. 187; iii. 145.
- PARTINICO, town, Sicily, xviii. 328.
- PARTITION, in law, xviii. 328.
- PARTNER, in law, xviii. 329.
- PARTNERSHIP, in law, xviii. 329; in public companies, vi. 221.
- PART PAYMENT, in law, xviii. 440.
- PARTRIDGE, bird, xviii. 332; American, xx. 147.
- PARTRIDGE'S ALMANAC, i. 591.
- PARTRIDGE-SHOOTING, xxi. 834.
- PART-SONGS, xvii. 84.
- PARUS, genus of birds, xxiii. 419.
- PARVATI, Hindu deity, viii. 126.
- PARVICE, in architecture, ii. 469.
- PARYSATIS, wife of Darius II. of Persia, xviii. 575.
- PARZIVAL, Wolfram's poem, x. 524; xxiv. 632.
- PASAMAN, mountain, Sumatra, xxii. 638.
- PASARGADÆ, ancient town, Persia, xviii. 558; destruction of, by Alexander, i. 483.
- PASCAL, Blaise, French man of science and letters, xviii. 333; as a Christian sceptic, xxi. 382; as satirist, xxi. 319; on the Jesuits, xiii. 650; his influence on French literature, ix. 661; on the equilibrium of fluids, xii. 435; on indivisibles in mathematics, xiii. 6; on mathematical probability, xix. 769.
- , Étienne, French lawyer, xviii. 333.
- , Jacqueline, Port-Royalist, xviii. 333.
- PASCAL'S THEOREM, in geometry, x. 397; xviii. 338.
- PASCHA, or Easter, church festival, vii. 614.
- PASCHAL I., pope, xviii. 338.
- II., pope, xviii. 339; xix. 499; xx. 791.
- CHRONICLES, Byzantine, iv. 614.
- CONTROVERSY, vii. 614.
- LAMB, xviii. 343.
- PASCHASIUS (Radbertus), abbot of Corbie, xx. 210.
- PASCO, or Cerro de Pasco, town, Peru, v. 347.
- PAS DE CALAIS, department, France, xviii. 339.
- PASEK, John Chrysostom, Polish writer, xix. 302.
- PASENG, Persian wild goat, x. 708.
- PASHUPATI, town, Nepal, xvii. 342.
- PASIG, river, Philippines, xv. 487.
- PASIS, aboriginal tribe, India, xviii. 72.
- PASIPHAE, wife of Minos, xvi. 478.
- PASITELES, Roman sculptor, ii. 365.
- PASKEWITCH, Ivan Fedorovitch, Russian general, xviii. 340; xxi. 101.

- PASO ROBLES, spa, California, U.S.A., XVI. 436.
- PASQUIER, Étienne, French lawyer and littérateur, XVIII. 340.
- PASQUINADE, or Pasquil, lampoon, XVIII. 341.
- PASQUIN STATUE, at Rome, XVIII. 341.
- PASSAGNO, Italy, Tomb of Canova at, v. 26.
- PASSAIC, river, New Jersey, U.S.A., XVII. 396.
- PASSAMAQUODDY BAY, New Brunswick, XVII. 373.
- PASSAROWITZ, Servia, Peace of (1718), XXIII. 646.
- PASSAU, town, Bavaria, XVIII. 341.
- PASSAVANTI, Jacopo, Italian writer, XIII. 505.
- PASSENGER-PIGEON, bird, XIX. 85.
- PASSER, genus of birds, XXII. 369.
- PASSERAT, Jean, French poet, XVIII. 342.
- PASSERES, group of birds, XVIII. 41, 47.
- PASSERITA, genus of snakes, XXII. 195.
- PASS EXAMINATIONS, VIII. 781.
- PASSIFLORA, genus of plants, XVIII. 342; XI. 46.
- PASSIONATE SHEPHERD, Marlowe's lyric, XV. 558.
- PASSIONFLOWER, plant, XVIII. 342; XI. 46; XVI. 844.
- PASSION-PLAYS, VII. 412; of Oberammergau, XVII. 703.
- PASSIONS, Stoic doctrine of the, VIII. 583; XXII. 567.
- PASSION WEEK, XVIII. 343; XII. 106.
- PASSOVER, Jewish festival, XVIII. 343, 511; institution of the Eucharist at, XIII. 668.
- PASSPORT, or Safe Conduct, XVIII. 344.
- PAST, Psychological presentation of the, XX. 64.
- PASTASSA, river, South America, VII. 646.
- PASTE, or Strass, in glass manufacture, x. 664.
- , in pottery, XIX. 601.
- PASTES, of wheat flour, Italian, XV. 125.
- PASTEUR, Louis, his experiments in cattle inoculation, XVII. 59; on fermentation, IX. 95; on minute organisms, XXI. 400; his experiments on rabies, XX. 202; on diseases of silkworm, XXII. 59.
- PASTIL, or Crayon, for drawing, VI. 555.
- PASTILE, in pyrotechny, XX. 136.
- PASTILLE, perfume, XVIII. 526.
- PASTON LETTERS (1424-1506), XVIII. 344.
- PASTOR, genus of birds, XXII. 457.
- ÆTERNUS, Vatican decree, XXIV. 112.
- PASTORAL, in literature, XVIII. 345.
- EPISTLES, of the New Testament, XVIII. 348.
- LETTER, of a bishop, XVIII. 351.
- LIFE, I. 414.
- PASTOR FIDO, Guarini's drama, VII. 418; XI. 237; XVIII. 345.
- PASTOR OF HERMAS, early Christian work, II. 197.
- PASTURAGE, grazing, I. 370.
- PASTURE, under irrigation, XIII. 368; hill, improvement of, I. 402.
- , Common of, in law, VI. 209.
- PASUMAHS, tribe, Sumatra, XXII. 640.
- PASUPATAS, Hindu sect, XXI. 291.
- PASURUAN, town, Java, XIII. 606.
- PASVIK ELV, river, Norway, XVII. 576.
- PATAGONIA, region, South America, XVIII. 352; exploration of, by Magellan, XV. 198; birds of, III. 745; Indian tribes, I. 702; XII. 829.
- PATAGONIANS, of Chili, v. 619.
- PATAH-HOTEP, Egyptian prince, XXIII. 238.
- PATAN, town, Nepal, XVII. 342.
- PATANI, district, Malay Peninsula, XV. 322.
- PATANJALI, Sanskrit commentator, XXI. 292.
- PATAPSCO, river, Maryland, U.S.A., XV. 603.
- PATARA, town, Asia Minor, XV. 93.
- PATARENES, or Patareni, Italian sect, XVIII. 354, 434; IX. 333; XXIV. 323.
- PATAVIUM (Padua), ancient town, Italy, XVIII. 131.
- PÂTÉ DE FOIE GRAS, XXII. 589.
- PATELLA, Anatomy of the, I. 829.
- , genus of Mollusca, XVI. 645.
- PATENTS, XVIII. 354; their origin in monopolies, XVI. 757; laws relating to, XVIII. 356.
- PATERA, ancient dish, XIX. 181.
- PATERCULUS, Marcus Velleius, Roman historian, XVIII. 358.
- PATERFAMILIAS, in Roman law, XX. 671, 713.
- PATERINES, or Patarenes (*q.v.*), Italian sect, XVIII. 354.
- PATERNITY, in medical jurisprudence, XV. 779.
- PATERNO, town, Sicily, XVIII. 359.
- PATERNOSTER, island, Russia, XIV. 723.
- PATERSON, town, New Jersey, U.S.A., XVIII. 359.
- , James, inventor of machine netting, XVII. 359.
- , William, English financier, XVIII. 359; projector of Bank of England, III. 316.
- PATHAN DYNASTY, in Bengal, India, III. 569.
- PATHANS, tribe, India, XII. 746; XV. 185; XVIII. 684; in Afghanistan, I. 234.
- PATHOLOGY, XVIII. 361 (index, 407); in relation to medicine, XV. 794; comparative, XXIV. 200; Cullen's classification of, VI. 695; Morgagni's contributions to, XVI. 822; Rokitsky's, XX. 624.
- PATIALA, state, India, XVIII. 408.
- PATIENT GRIZEL, romance, XX. 659.
- PATIMOKKHA, Buddhist book, IV. 434.
- PATINO (Patmos), island, Ægean Sea, XVIII. 408.
- , Joseph, Spanish minister, XXII. 338.
- PATKUL, John Reginald, executed by Charles XII., v. 420.
- PATMOS, island, Ægean Sea, XVIII. 408.
- PATNA, district, Bengal, India, XVIII. 408.
- , town, Bengal, India, XVIII. 409; massacre of (1763), XII. 802.
- , state, Central Provinces, India, XVIII. 409.
- PATOS, island, West Indies, XXIII. 573.
- PATRAS, or Patrae, town, Greece, XVIII. 409.
- , Lambert, French sculptor, XXI. 564.
- PATRIA POTESTAS, in Roman law, XX. 671.
- PATRIARCH, XVIII. 410; of Greek Church, III. 788; XI. 154.
- PATRIARCHA, Filmer's work, IX. 166.
- PATRIARCHS, Testaments of the Twelve, II. 180.
- PATRICIAN, Roman, XVIII. 411; XVII. 525; XX. 732, 736; in Roman law, XX. 669.
- PATRICK, St, apostle of Ireland, XVIII. 411; XIII. 248; in Scotland, XXI. 474.
- , St, Order of, XIV. 124.
- , Simon, bishop of Ely, XVIII. 412; hymns by, XII. 592.
- PATRIK PEALE (G. A. Seckendorf), German writer, XXI. 616.
- PATRIPASSIANISM, early Christian doctrine, XIII. 671; XVI. 719; XXI. 127.
- PATROCLUS, Greek hero, I. 95.
- PATRONAGE, Church, I. 179; III. 559; in Scottish Church, IX. 743; XIX. 685; XXI. 519, 536, 539.
- PATRON AND CLIENT, in Roman law, XVIII. 412; XX. 669.
- PATRONS OF HUSBANDRY, political society, U.S.A., XXIII. 786.
- PATRONYMS, family names, XVII. 169.
- PATTEN, Margaret, her longevity, XIV. 858.
- PATTESON, John Coleridge, missionary bishop of Melanesia, XVIII. 414; XXII. 143.
- PATTIDARI, land tenure, India, XVII. 573.
- PATTINSON'S PROCESS, of lead-smelting, XIV. 377.
- PATUXENT, river, Maryland, U.S.A., XV. 603.
- PAU, town, France, XVIII. 414.
- PAUCHONTEE, resinous substance, XI. 339.
- PAUL, St, the apostle, XVIII. 415; his Epistles, III. 642; XVIII. 348; his Christology, XVIII. 747; his testimony

- to Jesus Christ, XIII. 659; his relations with the Jewish Church at Rome, XX. 728.
- PAUL, Apocalypse of, II. 179.
- I., pope, XVIII. 430.
- II., pope, XVIII. 430; XX. 559, 806.
- III., pope, XVIII. 430; XIII. 482; XIX. 504; summons the council of Trent, XXIII. 545; favours the Jesuits, XIII. 652.
- IV., pope, XVIII. 431; XIII. 482; XIX. 504; his relation to council of Trent, XXIII. 547.
- V., pope, XVIII. 431; XIII. 483; XIX. 505; lays Venice under interdict, XXIV. 146; his opposition to Father Sarpi, XXI. 311.
- , czar of Russia, XVIII. 431; XXI. 100.
- , Prince Eszterhazy de Galanta, Austrian field-marshal, VIII. 564.
- , early Christian ascetic, XVI. 699.
- , Father (Sarpi), Italian divine, XXI. 311; XVIII. 431; XIX. 505.
- , the Abbot, Syriac writer, XXII. 838.
- of Callineus, Syriac writer, XXII. 834.
- , the Deacon, or Paulus Diaconus, historian, XVIII. 436; XII. 125.
- of the Holy Faith (Han-Siro), a Japanese exile, XXIV. 717.
- , the Persian, Syriac writer, XXII. 837.
- of Samosata, bishop of Antioch, XVIII. 429; XVI. 719.
- of Tella, Syriac writer, XXII. 825.
- ANTHONY, Prince Eszterhazy de Galanta, Austrian diplomatist, VIII. 564.
- AND VIRGINIA, Saint-Pierre's tale, XXI. 196.
- PAULDING, James Kirke, American politician and writer, XVIII. 432; I. 725.
- PAULET, Sir Amyas, keeper of Mary, queen of Scots, XV. 600; his relations with Wolsey, XXIV. 634.
- PAULGAUT, town, India, XVIII. 182.
- PAULI, Reinhold, German historian, XVIII. 432.
- , Simon, German anatomist, I. 811.
- PAULICIANS, religious sect, XVIII. 433; I. 454; XX. 321.
- PAULINISM, versus Petrinism, Baur's views on, III. 449, 644.
- PAULINUS, St. bishop of Nola, XVIII. 434.
- , early Christian missionary in Northumbria, VII. 691; XVII. 569.
- , Syriac writer, XXII. 828.
- PAULITE, mineral, XVI. 415.
- PAULLUS, or Paulus, Lucius Æmilius, Roman general, XVIII. 435.
- PAULONUS, or Paulinus, Syriac writer, XXII. 828.
- PAULUS, Heinrich Eberhard Gottlob, German theologian, XVIII. 435; XX. 290; on the life of Jesus, XIII. 672.
- , Julius, Roman jurist, XIII. 793; XX. 711.
- , Lucius Æmilius, Roman general, XVIII. 435.
- ÆGINETA, Byzantine physician, XV. 804; on surgery, XXII. 675.
- DIACONUS, historian of the Lombards, XVIII. 436; his Homiliarium, XII. 125.
- PAUMBEN PASSAGE, channel, Ceylon, V. 359; proposed canal at, IV. 792.
- PAUPERISM, XIX. 462; Robert Owen on, XVIII. 88; Rodbertus on, XX. 616.
- PAUROPUS, genus of Myriapoda, XVII. 119.
- PAUSANIAS, Greek writer, XVIII. 437; his description of Athens, III. 9; on the Mysteries, XVII. 128.
- , Spartan general, XVIII. 436; XI. 100.
- PAUSILYPUS (Posillipo), near Naples, burial-place of Virgil, XVII. 188.
- PAVEMENT, XX. 584; of asphalt, II. 716; of encaustic tiles, VIII. 187; Minton's, IV. 283; mosaic, XVI. 850; Assyrian, II. 398. See also Paving.
- PAVIA, town, Italy, XVIII. 438; as Lombard capital of Italy, XIII. 467; antipathy of, to Milan, XIII. 469; battle of (1525), IX. 556; XIII. 482; bridge at, IV. 331; Certosa of, XXI. 569; XXIII. 194; church of San Michele, II. 435; sculpture in, XXI. 568; university, XXIII. 836.
- PAVILLIARD, Gibbon's tutor, X. 575.
- PAVING, in bricks and tiles, IV. 466; XXIII. 389; in stone, IV. 473.
- TILES, XXIII. 389; IV. 466.
- PAVLODAR, town, Russia in Asia, XXI. 639.
- PAVLOGRAD, town, Russia, XVIII. 439.
- PAVLOVSK, town, Russia, XXI. 190, 194; XXIV. 298.
- PAVO, genus of birds, XVIII. 443.
- PAWN, in law, XIX. 220.
- PAWNBROKING, XIII. 188; XIX. 220.
- PAWNEES, American Indians, XII. 827, 832.
- PAWTUCKET, town, Rhode Island, U.S.A., XVIII. 439; XX. 524.
- PAXO, or Paxos, Ionian Island, Greece, XVIII. 439; XIII. 205.
- PAX ROMANA, XXIII. 591.
- PAXTON, Sir Joseph, English architect, XVIII. 440.
- PAY, in British army, II. 576; in navy, XVII. 297.
- PAYÉ, South-American sorcerer, XV. 200.
- PAYER, Julius, Austrian Arctic explorer, XIX. 323.
- PAYMASTER, Naval, XVII. 294.
- PAYMENT, in law, XVIII. 440.
- PAYNE, John Howard, American poet, I. 722.
- , Roger, on bookbinding, IV. 42.
- PAYSANDU, town, Uruguay, XVIII. 441; XXIV. 15.
- PAYS-BAS, or Holland (*q.v.*), XII. 59.
- PAYS D'ÉTATS, outlying districts of France, IX. 567.
- PAYS DE VAUD, district, Switzerland, XXIV. 115.
- PAYTA, town, Peru, XVIII. 441, 674.
- PAZAND, Persian form of writing, XVIII. 135.
- PAZZI, Florentine family, XV. 785.
- PEA, plant, XVIII. 441; XII. 285; Egyptian pea, or chickpea, XI. 36.
- PEABODY, town, Massachusetts, U.S.A., XVIII. 441.
- , George, American philanthropist, XVIII. 442.
- ACADEMY, Salem, Massachusetts, U.S.A., XXI. 210.
- INSTITUTE, Baltimore, U.S.A., III. 298; XV. 604.
- PEACE, The, Aristophanes's play, II. 509.
- , International, XIII. 197.
- , Justice of the, XIII. 789.
- , Quarter Sessions of the, law court, XX. 159.
- OF MÜNSTER, Helst's picture, XI. 641.
- PEACH, tree and fruit, XVIII. 442; XII. 272; peach-house, XII. 224.
- PEACHAM, Edmund, his trial for treason, III. 205.
- PEACH-KERNEL OIL, XVII. 744.
- PEACOCK, bird, XVIII. 443.
- , George, English mathematician, XVIII. 443.
- , Thomas Love, English novelist, XVIII. 444.
- PEA-FOWL, XVIII. 443; XIX. 647.
- PEA NUT, XI. 221.
- PEAR, tree and fruit, XVIII. 445; XII. 274; manufacture of perry from, XVIII. 557.
- PEARL, XVIII. 446; in mussels, XVII. 110; fisheries, in Arabia, II. 245; III. 240; Ceylon fisheries, V. 364.
- , river, Louisiana, U.S.A., XV. 20.
- ISLANDS, South Pacific, XXIII. 602.
- MOSQUE, Agra, India, I. 286.
- OYSTERS, of Ceylon, V. 364.
- PEARLSTONE, mineral, X. 234.
- PEARSALL, Robert Lucas, English musical composer, XV. 192.
- PEARSON, John, his experiments in vaccination, XIII. 623.
- , John, bishop of Chester, XVIII. 448.
- PEASANT PROPRIETORS, I. 414.
- PEASANTS' REVOLT, in England (1381), XX. 541.
- PEASANTS' WAR, in Germany (1525), I. 786; XV. 78; Münzer's connexion with, XVII. 32.

- PEASE, Cultivation of, I. 361.
 PEASEWEEP, bird, XIV. 308.
 PEASTONE, mineral, XVI. 397.
 PEAT, X. 238; as fuel, IX. 808; for blast furnaces, XIII. 292; for gas-making, X. 101; in Ireland, XIII. 217; charred, as manure, I. 352.
 —, Sir Robert, lord prior of English Knights of St John, XXI. 175.
 PEAT-CHARCOAL, V. 399.
 PEAUCELLIER CELL, in mechanics, XV. 698.
 PEBA ARMADILLO, edentate mammal, XV. 388.
 PEBBLE, Scotch, I. 277.
 PEBRINE, disease of silkworm, XXII. 59.
 PECAN NUT, XVII. 664.
 PECAN-TREE, of United States, XXIII. 808.
 PECCARY, ungulate mammal, XVIII. 449; XV. 430; XXII. 775.
 PECH, Henrietta, Bohemian poetess, XXII. 152.
 PECHABURI, town, Siam, XXI. 853; river, XXI. 850.
 PECHELL, John, vice-chancellor of Cambridge university, XVII. 444.
 PECHORSKY MONASTERY, Nijni, Russia, XVII. 501.
 PECKOCK, Reynold, bishop of Chichester, VIII. 411; writer against the Lollards, XIV. 812.
 PECORA, division of Mammalia, XV. 421, 430.
 PECOS, river, New Mexico and Texas, U.S.A., XVII. 400; XXIII. 203.
 PECQUET, Jean, French anatomist, I. 811.
 PECS (Fünfkirchen), town, Hungary, IX. 827; XXIII. 840.
 PECTIN, gummy principle in fruit, XIII. 564.
 PECTINARIA, genus of Annelida, II. 68.
 PECTOLITE, mineral, XVI. 420.
 PECTOSE, principle in fruit, XIII. 564.
 PECULIUM CASTRENSE, in Roman law, XX. 706, 713.
 PEDAL, of organ, XVII. 833, 837.
 PEDALION, genus of Rotifera, XXI. 5.
 PEDER PAARS, Holberg's epic poem, XII. 56.
 PEDERSEN, Christian, Danish writer, VII. 90.
 PEDESTRIANISM, III. 12, 13; XXI. 61.
 PEDETES, genus of rodent mammals, XIII. 626.
 PEDICELINA, genus of Polyzoa, XIX. 438.
 PEDICULUS, genus of animal parasites, XV. 24.
 PEDIËS, Athenian political party, XIX. 130.
 PEDILAVIUM, feet-washing by prelates, XV. 635.
 PEDIMENT, in architecture, II. 469.
 PEDIONOMUS, genus of birds, XX. 147.
 PEDOMETER, for measuring distance, XVIII. 449.
 PEDRO I., king of Aragon, XVIII. 450; XXII. 317; his relations with Sicily, XXII. 28.
 — II., of Aragon, XVIII. 450.
 — III., of Aragon, XVIII. 450; XXII. 322.
 — IV., of Aragon, XVIII. 450; XXII. 323.
 —, Dom, emperor of Brazil, IV. 233.
 — I., king of Castile and Leon, XVIII. 450; XXII. 320.
 — I., king of Portugal, XVIII. 451; XIX. 543.
 — II., of Portugal, XIX. 549.
 — III., of Portugal, XIX. 550.
 — IV., of Portugal, XIX. 552.
 — V., of Portugal, XIX. 553.
 PEDUNCLES, Cerebral, XIX. 37.
 —, of plants, IV. 121.
 PEEBLES, county, Scotland, XVIII. 451; area and population, XXI. 528; representation, XXIII. 727; town, XVIII. 452.
 PEEKSKILL, town, New York, U.S.A., XVIII. 452.
 PEEL, town, Isle of Man, XV. 453.
 —, Sir Robert, father of the statesman, XVIII. 453.
 —, Sir Robert, British statesman, XVIII. 452; VIII. 365; his financial reforms, IX. 189; his Bank Act of 1844, III. 323; his Police Act, XIX. 338.
 PEELE, George, English poet and dramatist, XVIII. 457; VII. 429; XXI. 762.
 PEELERS, or Police, XIX. 339.
 PEERAGE, British, XVIII. 458, 306; VIII. 322; XVII. 524, 529; genealogy of, X. 145; precedence in, XIX. 661; robes of, VI. 476.
 —, French, XXI. 198.
 PEERESSES, English, XVIII. 467.
 PEERS, House of, England, XVIII. 310.
 —, Twelve, of France, XVIII. 468.
 PEETWEET, bird, XXI. 260.
 PEEWIT, bird, XIV. 308.
 PEGANITE, mineral, XVI. 405.
 PEGASUS, of Greek mythology, XVIII. 468; III. 546.
 PEGGY WHITETHROAT, bird, XXIV. 553.
 PEGMATITE, rock, XI. 49.
 PEGNITZSCHÄFER, German literary society, X. 530, 531.
 PEGOLOTTI, Francesco Balducci, on early trade with China, V. 629.
 PEGU, town, British Burmah, XVIII. 468; pagoda at, II. 397.
 — YOMAS, mountains, Burmah, XXIII. 486.
 PEGWELL BAY, Kent, England, XX. 268.
 PEG WOFFINGTON, Reade's novel, XX. 303.
 PEHLEVI, or Pahlavi, language of the Zend Avesta, XVIII. 134, 655.
 PEIHAL, town, China, XVIII. 141.
 PEIHO, river, China, V. 632.
 PEINE FORTE ET DURE, torture, XXIII. 465.
 PEIPUS, Lake, Russia, XX. 35; XXI. 73.
 PEIRCE, Benjamin, American mathematician, XVIII. 468.
 PEIRE VIDAL, Provençal poet, XIX. 874.
 PEKALONGAN, town, Java, XIII. 606.
 PEKAN, carnivorous mammal, XV. 577.
 PEKEA BUTTER, XVII. 744.
 PEKEA NUT, XVII. 664.
 PEKING, or Peking, capital of China, XVIII. 469; founding of, by Kublai Khan, XIV. 151; formerly Cambaluc, IV. 722; newspapers of, XVII. 432; observatory, XVII. 716; temple of heaven at, II. 449.
 PEKOE TEA, XXIII. 99.
 PE LA, Chinese insect wax, XXIV. 459.
 PELAGIA, St, of Antioch, XVIII. 470.
 PELAGIANISM, theological doctrine, XI. 737; XIII. 567; XVIII. 472; XIX. 669; Augustine's attitude towards, III. 77.
 PELAGIUS, early Christian teacher, XVIII. 471.
 — I., pope, XVIII. 473; XIX. 493.
 — II., pope, XVIII. 473.
 PELAGONIA (Monastir), plain, Macedonia, XV. 136.
 PELAMIS, genus of snakes, XXII. 197.
 PELARGOMORPHÆ, group of birds, III. 713.
 PELARGONIC ACID, XVII. 731.
 PELARGONIUM, plant, X. 439; XII. 263.
 PELASGI, or Pelasgians, ancient people of Greece and Italy, VII. 366; XI. 90; XIII. 444.
 PELASGIC, PELASGIAN, in archæology, II. 346.
 PELASGIOTIS, district, Thessaly, XXIII. 299.
 PELAYO, Marcelino Menendez, Spanish writer, XXII. 362.
 PELECANUS, genus of birds, XVIII. 474.
 PELÉE, Mont, Martinique, West Indies, XV. 585.
 PELEW ISLANDS, Western Pacific, XVIII. 474; V. 125; XVI. 257.
 PELHAM, Lytton's novel, XV. 121.
 —, Sir Henry, English statesman, XVIII. 474; VIII. 355.
 —, Thomas, duke of Newcastle, XVII. 380.
 PELIADES, daughters of Pelias, XVIII. 474.
 PELIAS, of Greek legend, XVIII. 474.
 PELICAN, bird, XVIII. 474.
 — ISLAND, Montgomery's poem, XVI. 790.
 PELIGNI, ancient tribe, Italy, XIII. 444; XXI. 128.
 PELIOM, mineral, XVI. 418.

- PELION, mountain, Thessaly, Greece, XXIII. 298.
- PÉLISSIER, Jean Jacques Amable, marshal of France, XVIII. 475; in Algeria, I. 568.
- PELL, John, English mathematician, XVIII. 475.
- PELLA, town, Macedonia, XV. 137.
- PELLAGRA, disease, XVIII. 476, 407.
- PELLENC, Mirabeau's secretary, XVI. 497.
- PELLEW, Edward, Viscount Exmouth, VIII. 805.
- ISLANDS, Pacific Ocean, XVIII. 474; V. 125; XVI. 257.
- PELLICANUS, Conrad, German theologian and scholar, XVIII. 477.
- PELLICO, Silvio, Italian dramatist and patriot, XVIII. 478; IV. 399; VII. 417; XIII. 486.
- PELLOUTIER, Simon, historian of the Druids, VII. 478.
- PELOMEDUSIDÆ, family of chelonian reptiles, XXIII. 457.
- PELOPIDAS, Theban general, XVIII. 479.
- PELOPION, at Olympia, Greece, XVII. 768.
- PELOPONNESIAN WAR, XI. 102; XVIII. 533; Thucydides's history of, XXIII. 325.
- PELOPONNESUS, division of ancient Greece, XI. 93.
- PELOPS, in Greek mythology, XVIII. 480; XVII. 731.
- PELORITAN MOUNTAINS, Sicily, XXII. 29.
- PELOTONS, variety of mohair, XVI. 544.
- PELOUZE, Théophile Jules, French chemist, XVIII. 480.
- PELTIER, Jean Charles Athanase, French scientist, XVIII. 480.
- , Jean Gabriel, Mackintosh's defence of, XV. 160.
- EFFECT, in electricity, VIII. 57; XVIII. 481.
- PELTRY, furs, IX. 836.
- PELUSIUM, ancient town, Egypt, XVIII. 481.
- PELVIC GIRDLE, of mammals, XV. 360.
- PELVIS, in man, I. 829; of birds, III. 722.
- PEMBA, island, East Africa, XXIV. 768.
- PEMBERTON, town, England, XVIII. 481.
- , Captain, British envoy to Bhutan, III. 632.
- PEMBROKE, county, Wales, XVIII. 481; representation, XXIII. 727.
- , town, Wales, XVIII. 483; dockyard of, VII. 315, 318.
- COLLEGE, Cambridge, IV. 731.
- COLLEGE, Oxford, XVIII. 97.
- PEMPHIGUS, skin disease, XXII. 123.
- PEN, for writing, XVIII. 483.
- PEÑA DE FRANCIA, Sierra de, Spain, XXI. 203.
- PEÑALARA, mountain, Spain, XXI. 623.
- PENAL LAWS, XXII. 469; in Ireland, XIII. 269.
- PEÑALOSA, American explorer, XIV. 319.
- PENAL SERVITUDE, XIX. 752, 756.
- PENANCE, XVIII. 484.
- PENANG, island and town, Malay Peninsula, XIX. 741; XXII. 586.
- PEÑA PRIETA, mountain, Spain, XXII. 294.
- PENARTH, town, Wales, XVIII. 488.
- PEÑAS, Gulf of, Patagonia, XVIII. 352.
- PENATES, Roman household gods, XVIII. 488. See also XIV. 313.
- PÉNAUD, on flying machines, IX. 320, 321.
- PENCIL, XVIII. 489; crayon, VI. 555.
- BLUE, for calico-printing, IV. 690.
- PENCILS, of rays of light, XVII. 779, 803.
- PENDA, king of Mercia, England, XVII. 569.
- PENDENIS (St Ives), town, England, XXI. 172.
- PENDENNIS, Thackeray's novel, XXIII. 215.
- PENDENT, in architecture, II. 469.
- PENDJAKENT, town, Russian Turkestan, XXIV. 782.
- PENDLEBURY, town, England, XXII. 775.
- PENDULUM, in mechanics, XV. 05, 711, 718, 734; II. 754, 755; revolving, XV. 768; used for determining figure of the earth, VII. 608; absolute unit force determined by means of, XV. 699; of a clock, VI. 14.
- PENEIUS, river, Thessaly, Greece, XXIII. 298.
- PENELOPE, wife of Ulysses, XVIII. 490; XVII. 729.
- , mother of Pan, in Greek mythology, XVIII. 208.
- PNELOPINÆ, subfamily of birds, XI. 232.
- PENGUIN, bird, XVIII. 491; III. 735.
- PENGWERNE (Shrewsbury), ancient town, England, XXI. 845.
- PENIBETICA, Sierra, mountains, Spain, XXII. 294.
- PENIKESE, marine zoology station, U.S.A., I. 277.
- PENINSULAR WAR, between England and France, VIII. 364; IX. 616; XIX. 551; Castlereagh's support of, XIV. 854; Napier's History of, XVII. 186.
- PENITENTIAL DISCIPLINE, in ancient church, XII. 846.
- PENITENTIARIES, or Houses of Detention, XIX. 748.
- PENITENTS, in the Eastern Church, XVIII. 486.
- PENN, William, English admiral, XVIII. 492.
- , William, founder of Pennsylvania, XVIII. 492, 740; his relations to Maryland, XV. 605; his promotion of Quakerism, XX. 152.
- PENNA, Monte, mountain, Italy, XIII. 437.
- PENNAIR, river, India, XVII. 123, 320.
- PENNANT, Thomas, Welsh naturalist and antiquary, XVIII. 498; XXIV. 806; on birds, XVIII. 7, 9.
- PENNI, Gianfrancesco, Italian painter, XVIII. 498.
- PENNILLION SINGING, VII. 792.
- PENNINE, mineral, XVI. 414.
- ALPS, I. 625.
- PENNONS, Military, IX. 276.
- PENNSYLVANIA, State, U.S.A., XVIII. 498; founding of, by Quakers, XX. 152; Penn's settlement of, XVIII. 495; colony of, XXIII. 730; newspapers, XVII. 434; university, XVIII. 739; XXIII. 857.
- PENNY, English coin, XVII. 656.
- , Captain, Arctic explorer, XIX. 321.
- BANKS, XXI. 329.
- CYCLOPEDIA, VIII. 204; XIV. 856.
- POSTAGE, First proposals of, XIX. 564; Rowland Hill's institution of, XI. 818.
- PENNYROYAL, herb, XII. 289.
- PENOBSCOT, river, Maine, U.S.A., XV. 298.
- PENRITH, town, England, XVIII. 504.
- PENRYN, town, England, VI. 427; IX. 17.
- PENSACOLA, town, Florida, U.S.A., XVIII. 504.
- PENSÉES, Pascal's work, XVIII. 335.
- PENSHURST CASTLE, Kent, England, XIV. 40.
- PENSIONARY, president of states-general of Holland, XII. 73.
- PENSIONS, Military, of British army, II. 578.
- PENTAGRAM, Use of, in magic, XV. 203.
- PENTAIL, insectivorous mammal, XV. 402.
- PENTAMERA, group of insects, VI. 129; XIII. 148.
- PENTAMERIDÆ, family of Brachiopoda, IV. 195.
- PENTAPOLIS, ancient district, North Africa, VI. 750; XIV. 552.
- , or Lesbos (*q.v.*), island, Ægean Sea, XIV. 474.
- MARITIMA, ancient district, Italy, XVIII. 684.
- PENTASTOMIDES, family of Arachnida, II. 275.
- PENTATEUCH, Books of Scripture, XVIII. 505; XIII. 418; composition of, III. 637; Philo on, XVIII. 762; the Samaritan, XXI. 245; Morin's edition of the Samaritan, XVI. 825; Targums of, XXIII. 62.
- PENTATHIONIC ACID, V. 507.
- PENTECOST, Jewish festival, XVIII. 514, 511; XXIV. 555.
- PENTELIC MARBLE, XV. 528.

- PENTELICUS, Mount, Greece, III. 59, 60.
- PENTHEUS, king of Thebes, VII. 249.
- PENTLAND FIRTH, Scotland, IV. 647; XXIV. 541.
- PENTLAND HILLS, Scotland, VII. 656.
- PENTLANDITE, mineral, XVI. 392.
- PENTRI, Samnite tribe, Italy, XXI. 248.
- PENTSTEMON, plant, XII. 258.
- PENUMBRA, in optics, XIV. 581.
- PENYGHENT, mountain, England, XXIV. 746.
- PENZA, government, Russia, XVIII. 514; XXI. 69; town, XVIII. 515.
- PENZANCE, town, England, XVIII. 515.
- PENZHINA, Bay of, Eastern Siberia, XV. 547.
- PEONY, or Pæony, plant, XVIII. 132; XII. 257.
- PEOPLE'S CHARTER, The, v. 434.
- PEORIA, town, Illinois, U.S.A., XVIII. 515.
- PEPI, Pyramid of, Egypt, XX. 123.
- PEPIN, or Pippin (*q.v.*), Carolingian kings, XIX. 114; IX. 530, 531.
- PEPLOS, or Peplum, Greek article of dress, VI. 453; for statues of deities, XXIII. 207.
- PEPPER, spice, XVIII. 516; adulteration of, I. 172; cayenne, v. 280.
- AND TOBIN, their spectral illusions, XV. 207.
- PEPPERMINT, plant, XVIII. 517; XVI. 491.
- PEPPER TREE, XVIII. 519.
- PEPSIN, or Pepsine, alimentary juice, IX. 96; XVII. 671.
- PEPYS, Samuel, English diarist, XVIII. 519; as secretary to British Admiralty, XVII. 282.
- PEQUODS, American-Indian tribe, XII. 831.
- PERA, quarter of Constantinople, VI. 306.
- PERÆA, or Gilead, district of Syria, X. 595.
- PERAK, district, Malay Peninsula, XXII. 587; XV. 322; river, XV. 321.
- PERAKIM, divisions of the Mishnah, XVI. 505.
- PERALTA Y BARNUEVO, P. de, Spanish Peruvian writer, XVIII. 675.
- PERAMBUR, suburb of Madras, India, XV. 188.
- PERAMELIDÆ, family of marsupial mammals, XV. 381.
- PERATÆ, Gnostic sect, X. 703.
- PERATHERIUM, fossil opossum, XVII. 796.
- PERCA, genus of fishes, XVIII. 521.
- PERCEFOREST, romance, XX. 648.
- PERCEPTION, in psychology, XX. 51; faculties of, XVIII. 845; Collier's theory of, VI. 144; Democritus's, VII. 60; Hamilton's, XI. 418; Jacobi's, XIII. 537; Kant on, XIII. 851; Leibnitz on, XIV. 421; Locke on, XIV. 758; Stoic theory of, XXII. 565.
- PERCEPTION, Visual, Psychical relations of, VIII. 826.
- PERCEVAL, romance, XX. 646.
- , Amand Pierre Caussin de, French Orientalist, XVIII. 521.
- , Spencer, English statesman, XVIII. 521; VIII. 364.
- PERCH, fish, XVIII. 521; XII. 688; angling for, II. 44.
- PERCHE, district, France, XIV. 809.
- PERCHLORATE OF POTASSIUM, XIX. 591.
- PERCIVAL, James Gates, American poet, XVIII. 522.
- PERCUSSION, in medicine, XV. 815.
- PERCY, English noble family, XVIII. 522.
- , Henry, first earl of Northumberland, XVIII. 522; XVII. 571.
- , Serlo, English abbot, XVIII. 552.
- , Thomas, bishop of Dromore, editor of the Percy Reliques, XVIII. 524; III. 283.
- , Thomas, Gunpowder Plot conspirator, IX. 58.
- PERCYLITE, mineral, XVI. 385.
- PERDICCAS I.-III., kings of Macedon, XV. 138; XVIII. 524.
- , Macedonian general, XVIII. 524; I. 485; XV. 142; regent of Macedonian empire, XVIII. 585.
- PERDIX, genus of birds, XVIII. 332.
- PERDU, Mont, Pyrenees, IX. 505; XII. 334; XX. 125.
- PERDUELLIO, in Roman law, XXIII. 525.
- PERECOP, or Perekop, isthmus, Crimea, Russia, VI. 585.
- PÈRE DUCHESNE (J. R. Hébert), French Revolutionist, XI. 594.
- PEREGRINE FALCON, IX. 2.
- PEREGRINE PICKLE, Smollett's novel, XXII. 184.
- PEREGRIN PRÆTORSHIP, in Roman law, XX. 696.
- PEREIRA DE MELLO, Antonio de Fontes, Portuguese statesman, XIX. 554.
- PEREKOP, town, Crimea, Russia, XVIII. 524; XXIII. 83; isthmus of, VI. 585.
- PÈRE LA CHAISE, cemetery, Paris, v. 331; XVIII. 284.
- PERELLE, dye, XIV. 559.
- PERENNIALS, Garden, XII. 249.
- PERESKIA, genus of Cactaceæ, IV. 626.
- PERESLAVL, or Pereyaslavl, town, Russia, XVIII. 524.
- PERETTI, Felice (Pope Sixtus V.), XXII. 104.
- PEREYASLAFF, town, Russia, XVIII. 524; XIX. 410.
- PEREYASLAVL, or Pereyaslavl Zalyesskiy, town, Russia, XVIII. 524; XXIV. 271.
- , Lake of, Russia, XXIV. 271.
- PEREYRA, or Pereyre, J. R., Jewish philanthropist, XIII. 682.
- PEREZ, Albino, governor of New Mexico, U.S.A., XVII. 402.
- , Antonio, Spanish diplomatist and minister, XVIII. 525; XXII. 329, 359.
- DE GUZMAN, Fernan, Spanish chronicler, XXII. 354.
- DE HITA, Gines, Spanish roman-cist, XX. 659; XXII. 358.
- PERFECTIBILISTS, German mystics, XII. 706.
- PERFECTIONISTS, of Oneida, U.S.A., VI. 212. See also XVII. 772.
- PERFORATING, of paper, XXII. 461.
- PERFUME, incense, XII. 718.
- PERFUMERY, XVIII. 525; XVII. 748; XXII. 168.
- PERGA, town, Asia Minor, XVIII. 207.
- PERGAMUM, Pergamon, or Pergamus, ancient town, Asia Minor, XVIII. 527; XV. 143; its relations with Rome, XX. 751; coins of, XVII. 646; library, XIV. 511; school of sculpture at, II. 365.
- PERGOLES, Giovanni Battista, Italian musical composer, XVIII. 528; XVII. 93.
- PERGUNNAHS, or Parganahs, Twenty-four, district, India, XXIII. 673.
- PERI, Jacopo, Italian musician, XVII. 86; XXIV. 315.
- PERIANDER, tyrant of Ambracia, XVIII. 528.
- , despot of Corinth, XVIII. 528.
- PERIBLEM, layer in plant development, XII. 15.
- PERICARDIUM, Anatomy of the, I. 899.
- PERICARDITIS, disease, XI. 554; XX. 517.
- PERICHÆTA, genus of worms, XXIV. 678.
- PERICLASE, mineral, XVI. 385.
- PERICLES, Athenian statesman, XVIII. 529; XI. 101.
- PERICLINE, mineral, XVI. 419.
- PERIDERM, layer in plant development, XII. 17.
- PERIDOTE, precious stone, XVIII. 534; XVI. 410.
- PERIEGETES, Dionysius, Greek writer, VII. 248.
- PÉRIER, Casimir, French politician, IX. 620.
- , Madame, sister of Blaise Pascal, XVIII. 333.
- PÉRIGORD, ancient province, France, XVIII. 534; caves of, v. 567.
- PÉRIGUEUX, town, France, XVIII. 534; church of St Front at, II. 429.
- PERIHELION OF THE EARTH'S ORBIT, Change of, II. 795.
- PERIM, island, in Red Sea, II. 235; III. 179; XX. 316.
- , island, in Gulf of Cambay, India, X. 738.
- PERING, Mr, on anchors, II. 3.
- PERINO BUONACCORSI, Vaga, Italian painter, XXIV. 30.

- PERINTHUS, town, Thrace, XVIII. 635.
 PERIODICALS, XVIII. 635.
 PERIODS, or Eras, of time, IV. 681.
 PERIECI, or Perioikoi, Spartan freemen, XI. 94; XV. 96; XXII. 370.
 PERIOSTEUM, fibrous animal membrane, I. 854; XXII. 684.
 PERIPATETICS, school of Greek philosophers, XVIII. 545; II. 511.
 PERIPATUS, genus of Myriapoda, XVII. 116.
 PERIPHETES, of Greek legend, XXIII. 294.
 PERIPLUS, of the Erythraean Sea, XVIII. 569; XX. 94.
 —, of Hanno, book of Carthaginian exploration, I. 245; X. 175; XI. 445.
 —, of the Mediterranean, ancient geographical work, XXI. 573, 578.
 PERIPTEROS, in architecture, II. 469.
 PERIPYLÆA, order of Protozoa, XIX. 849.
 PERISCOPIC LENS, XVI. 260.
 PERISSODACTYLA, suborder of ungulate mammals, XV. 422, 427.
 PERISTYLE, in architecture, II. 469.
 PERITONEUM, serous membrane, in the abdomen, VII. 224; surgical treatment of, XXII. 690.
 PERITONITIS, disease, XVIII. 547.
 PERITRICHIA, order of Protozoa, XIX. 861.
 PERIWIG, or Wig, XXIV. 560.
 PERIWINKLE, mollusc, XVI. 651; fishery, IX. 265.
 PERIYAR, river, India, XXIII. 525.
 PERIZONIUS, Anton, Dutch theologian, XVIII. 547.
 —, Jacob, Dutch scholar, XVIII. 547.
 PERJURY, in law, XVIII. 548; XVII. 698.
 PERKIN, W. H., his experiments on dyestuffs, II. 48.
 PERKINS, Jacob, American inventor and physicist, XVIII. 549.
 PERLIDÆ, group of insects, XIII. 152.
 PERLITE, rock, X. 234.
 PERM, government, Russia, XVIII. 549; XXI. 69; town, XVIII. 551.
 PERMANENT WAY, of railways, XX. 232, 240.
 PERMANGANATES, manganese salts, XV. 480.
 PERMIAN LANGUAGE, Dictionary of, VII. 188.
 PERMIAN ROCKS, in geology, X. 351.
 PERMISSIVE BILL, for prohibiting liquor traffic, XIV. 688.
 PERMUTATIONS, in algebra, I. 560.
 PERNAHYBA, or Parahyba, town, Brazil, XVIII. 258.
 PERNAMBUCO, town, Brazil, XVIII. 551.
 PERNAU, town, Russia, XVIII. 552.
 PERNE, Andrew, English divine, XVIII. 552.
 PERNOFF (Pernau), town, Russia, XVIII. 552.
 PERODICTICUS, genus of lemurs, XIV. 443.
 PEROMEDUSÆ, order of Hydrozoa, XII. 559.
 PEROMELA, order of Amphibia, I. 751.
 PERONIA, genus of Mollusca, XVI. 661.
 PÉRONNE, town, France, XVIII. 552.
 PERONOSPORA INFESTANS, fungus of potato disease, XIX. 596.
 PERONOSPORA VITICOLA, vine fungus, XXIV. 240.
 PERONOSPOREÆ, suborder of Fungi, IX. 830; parasitic forms, XVIII. 266.
 PÉROUSE, La, Jean François, French navigator, XIV. 298; X. 190.
 PEROVSK, town, Syr-Daria, Russia, XXII. 819, 821.
 PEROVSKITE, mineral, XVI. 426.
 PEROZ, Sasanian king of Persia, XVIII. 611.
 PERPETUAL EDICTS, in Roman law, XIII. 793; XIX. 655.
 PERPETUAL MOTION, XVIII. 553.
 PERPETUITIES, in law, II. 72.
 PERPIGNAN, town, France, XVIII. 555; XX. 128; XXI. 28; organ at, XVII. 837; university of, XXIII. 839.
 PERRACHE, part of Lyons, France, XV. 110.
 PERRAULT, Charles, French tale-writer, XVIII. 556; XXIII. 27.
 —, Claude, French architect, II. 441; XVIII. 556.
 PERRENOT, Antony, Cardinal Granvella, XI. 52; XII. 74.
 PERRON, in architecture, II. 469.
 PERRONE, Giovanni, Italian theologian, XVIII. 557.
 PERRONIANA, ana of Cardinal Duperron, I. 784.
 PERROTT, Sir John, Irish lord-deputy, XIII. 265.
 PERRY, beverage, XVIII. 557.
 —, Oliver H., American naval officer, XXIII. 760.
 PERSAN, Madame Doublet de, French journalist, XVII. 425.
 PERSEIDS, meteors, XVI. 111.
 PERSEPHONE, Greek goddess (the Roman Proserpine), XIX. 824; XXIII. 296; mysteries of, VIII. 126.
 PERSEPOLIS, ancient town, Persia, XVIII. 557; destruction of, by Alexander the Great, XVIII. 582; buildings at, II. 400.
 PERSEUS, of Greek fable, XVIII. 560; VI. 797.
 —, king of Macedonia, XV. 142; his contests with Rome, XX. 753.
 PERSIA, Ancient, XVIII. 561 (index, 660); conquest of, by Alexander, I. 482; XV. 140; by the Arabs, II. 257; conquest of Phrygia by, XVIII. 851; its influence in Asia, II. 699; religion, XXIII. 238; rule over Sidon, XVIII. 809; relations with Sparta, XXII. 370; wars with Greece, XI. 98, 112; under Cyrus, VI. 752; under Darius I.—III., VI. 825, 827; architecture, II. 399; armies, II. 559; coins, XVII. 659.
 PERSIA, Modern, XVIII. 616 (index, 660); highlands of, II. 685; European travellers in, X. 186, 188; carpet weaving, V. 128; caste in, V. 192; coins of, XVII. 660; Jews in, XIII. 687; literature, IX. 225; XVII. 238; influence of Persian on Ottoman literature, XXIII. 656; opium cultivation, XVII. 791; plague in, XIX. 167; pottery, XIX. 619; weights and measures, XXIV. 490; history, XVIII. 631; Shiite dynasties, XXII. 663; war with Russia, XXI. 101; wars with Turkey (1514, 1638), XXIII. 643, 645.
 PERSIAN LANGUAGE, XVIII. 653; dictionaries of, VII. 190.
 PERSIAN LETTERS, Montesquieu's, XVI. 782.
 PERSIAN LITERATURE, XVIII. 655.
 PERSIGNY, Duc de, French politician, XVIII. 661.
 PERSIMMON, fruit, XVIII. 661.
 PERSIS, ancient Persia, XVIII. 561, 565, 605.
 PERSIUS (A. Persius Flaccus), Roman satirist, XVIII. 661; XX. 726; XXI. 319; his language and style, XIV. 337.
 PERSONAL ESTATE, in law, XVIII. 664; disposition of, by will, XXIV. 571, 573; sale of, XXI. 207.
 PERSONAL IDENTITY, Locke on, XIV. 760; in medical jurisprudence, XV. 778.
 PERSONALITY, in psychology, XX. 83.
 PERSONNE, Gilles (Roberval), French mathematician, XX. 601.
 PERSONS, or Parsons, Robert, English Jesuit, XVIII. 377.
 PERSPECTIVE, XIX. 804.
 — PROJECTIONS, in maps, X. 202.
 PERSPIRATION, XVII. 685; glands of, I. 899; excessive, XXII. 120; diaphoretics, VII. 167.
 PERSSON, Göran, Swedish courtier, XXII. 748.
 PERTABGURH (Partabgarh), district, Oudh, India, XVIII. 328.
 —, state, Rajputana, India, XVIII. 328.
 PERTE DU RHÔNE, XX. 528.
 PERTH, county, Scotland, XVIII. 665; representation, XXIII. 727.
 —; town, Scotland, XVIII. 667; the Five Articles of (1618), XXI. 510.
 —, town, Western Australia, XVIII. 668.
 PERTHES, family of German publishers, XVIII. 669.
 —, Friedrich Christoph, German publisher and editor, XVIII. 669.
 PERTICARI, Count Giulio, Italian writer, XIII. 515.
 PERTINAX, Helvius, Roman emperor, XVIII. 669; XXI. 699.

- PERTURBATIONS, in solar system, XI. 72.
- PERTZ, Georg Heinrich, German archaeologist, XVIII. 669.
- PERU, country, South America, XVIII. 669; I. 713; its revolt from Spain, I. 709; liberation of, by Bolivar, IV. 9; forests, IX. 406; guano, XI. 233; Indian tribes, XII. 828; libraries, XIV. 536, 551; newspapers, XVII. 437; observatory at Lima, XVII. 716; railways, XX. 252.
- , Ancient, I. 696; XVIII. 677; agriculture in, I. 293; monuments, II. 451; mythology, XVII. 150; pottery, XIX. 633; races, I. 691.
- , town, Illinois, U.S.A., XVIII. 679.
- , island, Gilbert group, Polynesia, XIX. 426.
- , Balsam of, III. 293.
- PERUGIA, town, Italy, XVIII. 680; VIII. 635; church of S. Domenico, XIX. 123; pictures, XXI. 446; university, XXIII. 837.
- , Lake of, Italy, XIII. 440.
- PERUGINO, Pietro, Italian painter, XVIII. 680; IX. 773; XXI. 436; Raphael's connexion with, XX. 274.
- PERUKE, wig, XXIV. 560.
- PERUSIA, Etruscan town, Italy, VIII. 635.
- PERUVIAN BARK, V. 781; XX. 184.
- PERUZZI, Baldassare, Italian architect and painter, XVIII. 682; XX. 836; XXII. 44.
- PERVIGILIUM VENERIS, Latin poem, XVIII. 683.
- PESARO, town, Italy, XVIII. 683.
- PESCARA, river, Italy, XIII. 439.
- PESCHIERA, town, Italy, XX. 145.
- PESCIUM (Ipek), ancient town, Albania, XIII. 211.
- PESHAWAR, or Peshawur, division, district, and town, India, XVIII. 684.
- PESHITTA, or Peshito, Syriac version of the Bible, XXII. 824; III. 647.
- PESHTA, Mahratta title, India, XV. 291.
- PESIKOTHO, Midrash, XVI. 286.
- PESIKTO RABBATHI, Midrash, XVI. 287.
- PESINUS, or Pessinus, ancient town, Asia Minor, XVIII. 691.
- PESSIMISM, in philosophy, XVIII. 684; Schopenhauer's, XXI. 455.
- PESSINUS, ancient town, Asia Minor, XVIII. 691; X. 19.
- PESTALOZZI, Johann Heinrich, Swiss educationist, VII. 677; XIV. 79; XXII. 798.
- PESTH, town, Hungary, XVIII. 691; libraries, XIV. 547; picture gallery, XXI. 446. See also Budapest.
- PESTILENCE, or Plague, XIX. 159.
- PESTO, town, Italy, XVIII. 132.
- PET, Arthur, Arctic explorer, XIX. 316.
- PETALISM, Syracusan institution, XXII. 814.
- PETALITE, mineral, XIV. 697; XVI. 416.
- PETALS, of plants, IV. 132.
- PETAU, Denys, French theologian, XVIII. 693.
- PETAURISTA, genus of marsupial mammals, XVIII. 728.
- PETAURUS, genus of marsupial mammals, XVIII. 729.
- PETAVIUS, Dionysius (Petau), French theologian, XVIII. 693.
- PETCHARY, bird, XIV. 81.
- PETCHENEGS, race of people, XIV. 60; XXI. 16, 88; XXIII. 660.
- PETCHERSK, monastery, at Kieff, Russia, XIV. 70.
- PETCHORA, river, Russia, XVIII. 549; XXI. 73.
- PETEN, Lake of, Guatemala, XI. 239.
- PETER, St, the Apostle, XVIII. 693; XIX. 487; his relations with St Paul, XVIII. 418.
- , Apocalypse of, II. 179.
- , Epistles of, XVIII. 697.
- I., the Great, czar of Russia, XVIII. 698; XXI. 97; his contests with Charles XII. of Sweden, V. 421; defeat and capture of, by the Turks, XXIII. 646; statue of, at St Petersburg, XXI. 191; Voltaire's History of, XXIV. 292.
- II., of Russia, XVIII. 699; XXI. 98.
- III., of Russia, XVIII. 699; V. 233; XXI. 99.
- , prince of Savoy, XXI. 339.
- , king of Sicily, XXII. 28.
- of Blois, mediæval theologian and moralist, XVIII. 698.
- of Bruiis, founder of Petrobrusians, XI. 674; XXIV. 323.
- of Callinicus, Syriac writer, XXII. 836.
- of Castlenau, Inquisitor, I. 454.
- of Covara (Nicholas V., antipope), XIII. 712.
- the Hermit, Crusade preacher, XVIII. 698; VI. 623.
- of Morone, founder of the Celestines, V. 291.
- of Poitiers, scholastic philosopher, XXI. 425.
- DES ROCHES, bishop of Winchester, XI. 658.
- LEOPOLD, grand-duke of Tuscany, XIII. 485.
- MARTYR, Italian Reformer, XXIV. 166.
- PARLEY (S. G. Goodrich), American writer, X. 774.
- PINDAR (John Walcot), English painter and satirist, XXIV. 628.
- SCHLEMIHL, by Chamisso, V. 384.
- PETERBOROUGH, town, England, XVIII. 699.
- , town, Ontario, Canada, XVII. 775.
- AND MONMOUTH, Earl of, XVIII. 700.
- PETERHEAD, town, Scotland, XVIII. 701.
- PETERHOF, town, Russia, XVIII. 702; XXI. 190, 194.
- PETERLOO RIOT (1819), Manchester, England, XV. 464.
- PETERMANN, A., German geographer, XVIII. 669.
- PETERS, Christian A. F., on stellar parallax, XVIII. 252.
- , Hugh, adherent of Cromwell, XVIII. 702.
- PETERSBURG, town, Virginia, U.S.A., XVIII. 702.
- PETERSEN, Hallgrim, Icelandic poet, XII. 623.
- , Niels Matthias, Danish historian, VII. 93.
- PETER'S LETTERS TO HIS KINSFOLK, Lockhart's work, XIV. 763.
- PETER'S COMET, VI. 193.
- PETERSTHAL, spa, Germany, XVI. 434.
- PETERWARDEIN, town, Hungary, XVIII. 702.
- PETHION, Syriac writer, XXII. 845.
- PETIOLE, or Leaf-Stalk, of plants, IV. 112.
- PÉTION, Alexandre, president of Hayti, XI. 545.
- DE VILLENEUVE, Jérôme, French Revolutionist, XVIII. 703.
- PETIS DE LA CROIX, François, French Orientalist, XVIII. 703.
- PETIT, John, his justification of murder of duke of Orleans, X. 550.
- AND DULONG, on radiation, XX. 216.
- PETITCODIAC, river, New Brunswick, XVII. 373.
- PETITION, in law, XVIII. 703.
- , to parliament, in England, XVIII. 313.
- OF RIGHT, V. 405; VIII. 345; XVIII. 705.
- PETIT JOURNAL, Le, Paris newspaper, XVII. 427.
- PETIT NORD, peninsula, Newfoundland, XVII. 382.
- PETITOT, Jean, French artist, VIII. 184.
- PETIT-THOUARS, Admiral du, his seizure of Tahiti, XXIII. 24.
- PETIT TREASON, XXIII. 527.
- PETÖFI, Alexander, Hungarian poet, XII. 378.
- PETRA, ancient town, North Arabia, XVIII. 705.
- PETRACCO, Italian jurist, father of Petrarch, XVIII. 706.
- PETRÆA, desert, Arabia, II. 239.
- PETRARCH, or Petrarca, Francesco, Italian poet, XVIII. 706; XIII. 503; his relation to the Renaissance, XX. 385; his sonnets, XXII. 262; his friendship for Boccaccio, III. 845; his Latinity, XIV. 341.
- PETREL, bird, XVIII. 711; IX. 817.

- PETRI, Laurentius, archbishop of Sweden, XXII. 754.
 —, Olaus, Swedish writer, XXII. 754.
 PETRIE, George, Irish antiquary, XVIII. 712.
 PETRINIA, district, Austria, XVI. 295.
 PETRINISM, versus Paulism, Baur's views on, III. 449, 644.
 PETRIU, town, Siam, XXI. 853.
 PETROBRUSIANS, religious sect, XXIV. 323; XI. 674.
 PETROCORII, ancient Gallic tribe, XVIII. 635.
 PETRŒCA, genus of birds, XXIV. 537.
 PETROLEUM, mineral oil, XVIII. 712, 237; II. 715; XVI. 428; as fuel, IX. 809; for gas-making, X. 100; for steam boilers, XXII. 500; industry, in U.S.A., XXIII. 813; wells at Baku, Russia, III. 258; in Burmah, IV. 552.
 PETROMYZON, genus of fishes, XIV. 249.
 PETRONILLA, alleged daughter of St Peter, XVIII. 694.
 PETRONIUS, Maximus IV., Roman emperor, XV. 646.
 — ARBITER, Latin satirist, XVIII. 720; XX. 636, 726; XXI. 319.
 PETROPAVLOVSK, town, Siberia, XVIII. 723.
 —, or Petropavlovski, town, Kamchatka, Asia, XVIII. 723; III. 144; XIII. 832.
 PETROPOLIS, town, Brazil, XVIII. 723.
 PETROSSA, Roumania, Plate found at, XIX. 182.
 PETROVITCH, George, Servian leader, VI. 755; XXI. 689.
 PETROVSK, town, Russian Daghestan, XVIII. 723.
 —, town, Saratoff, Russia, XVIII. 723; XXI. 305.
 —, town, Yaroslavl, Russia, XXIV. 731.
 —, convict settlement, Transbaikalia, Russia, XVIII. 723.
 PETROZAVODSK, town, Russia, XVIII. 723; XVII. 764.
 PETRUCCI, friend of Molinos, XVI. 631.
 —, Pandolfo, tyrant of Siena, XXII. 42.
 PETRUS DE RAVENNA, on mnemonics, XVI. 532.
 PETRUS HISPANUS, scholastic philosopher, XXI. 430.
 PETRUS SICULUS, historian of the Paulicians, XVIII. 433.
 PETT, Phineas, English shipbuilder, XVII. 282.
 PETTIGREW, J. Bell, on modes of flight, IX. 311.
 PETTY, Lord Henry, English politician, XIX. 148.
 —, Sir William, English economist, XVIII. 724; XIX. 358; on statistics, XXII. 462.
 PETUNA, town, Manchuria, XV. 466.
 PETUNIA, plant, XII. 264.
 PETUNTZE, mineral, XVI. 419.
 PETZITE, mineral, XVI. 392.
 PEUCETIANS, ancient Italian tribe, XIII. 446.
 PEUTINGER, Conrad, German scholar, XVIII. 724.
 PEVENSEY, town, England, XXII. 724.
 PEW, in architecture, II. 469.
 PEWTER, tin alloy, XVIII. 725; XIV. 378.
 PEYER'S PATCHES, in the intestine, XVII. 669.
 PEYRELADE, France, Ancient remains at, XXI. 51.
 PEZZA, Michele (Fra Diavolo), Italian brigand, IX. 504.
 PFAFF, Christian Heinrich, German chemist and physicist, XVIII. 725.
 —, Johann Friedrich, German mathematician, XVIII. 725.
 —, Johann Wilhelm Andreas, German mathematician, XVIII. 725.
 PFAFFENDORF, Germany, Battle of (1760), III. 129.
 PFAHLBÜRGER, class of German citizens, X. 493.
 PFALZ, or Palatinate, district, Germany, XVIII. 166; III. 453.
 PFALZBURG, town, German Lorraine, XVIII. 725.
 PFEFFERKORN, John, suppressor of Jewish books, XX. 490.
 PFEFFERS, spa, Switzerland, XVI. 433.
 PFEIFFER, Franz, German philologist, XVIII. 725; on the Nibelungenlied, XVII. 476.
 —, Ida Laura, Austrian traveller, XVIII. 726.
 PFISTER, Albrecht, early German printer, XXIII. 684, 687.
 PFORZHEIM, town, Baden, Germany, XVIII. 726.
 PFUNDHEFE, German yeast, XXIV. 734.
 PHACOCHERUS, genus of ungulate mammals, XXII. 774.
 PHACOLITE, mineral, XVI. 421.
 PHACUSA, ancient town, Egypt, X. 789.
 PHÆDO, dialogue of Plato, XIX. 199.
 PHÆDRUS, Latin fabulist, XVIII. 726.
 —, dialogue of Plato, XIX. 201.
 PHÆODARIA, order of Protozoa, XIX. 850.
 PHÆOPHYCEÆ, subclass of plants, XXIV. 126.
 PHÆOSPOREÆ, order of plants, XXIV. 126.
 PHAETHON, of Greek mythology, XVIII. 727.
 —, genus of birds, XXIII. 588.
 PHAGMODU, Tibetan ruler, XXIII. 346.
 PHALANGE, in Fourier's communal system, IX. 489.
 PHALANGERS, group of marsupial mammals, XVIII. 727; III. 111; XV. 359, 382.
 PHALANGIDEA, PHALANGIDES, order and family of Arachnida, II. 277, 279.
 PHALANGISTA, genus of marsupial mammals, XVIII. 728.
 PHALANX, of Greek army, II. 561; Macedonian, XV. 140; Roman, XX. 735.
 PHALARIDEÆ, group of grasses, XI. 58.
 PHALARIS, Greek tyrant, in Sicily, XVIII. 729; XXII. 16.
 —, Epistles of, III. 53; XVIII. 730; Bentley's dissertation on, III. 579.
 PHALAROPODIDÆ, family of birds, XXI. 260.
 PHALERUM, Bay of, Athens, III. 4.
 PHANARIOTS, Greek officials at Constantinople, XI. 124.
 PHANEROGAMIA, subkingdom of plants, XXIV. 130.
 PHANEROGAMS, group of plants, III. 695; IV. 92; XX. 426; XXIV. 130.
 PHANSIGARS (Thugs), Indian assassins, XXIII. 327.
 PHANTASIA, Gassendi's theory of, X. 106.
 PHANTASMAGORIA, of magic lantern, XV. 213.
 PHANTOMS, in white magic, XV. 207.
 PHAON, reputed lover of Sappho, XXI. 303.
 PHARÆ, ancient town, Greece, XIII. 826.
 PHARAOH, kings of Egypt, XVIII. 730; VII. 732.
 PHARAOH'S CASTLE, ruins, Morocco, XVI. 834.
 PHARAOH'S RAT, ichneumon, XII. 629.
 PHARISEES, Jewish sect, XIII. 423; XVI. 55.
 PHARMACOLITE, mineral, XVI. 404.
 PHARMACOLOGY, branch of medicine, XV. 796.
 PHARMACOPŒIA, XVIII. 730; the British, XV. 798; Aldrovand's, I. 475.
 PHARMACOSIDERITE, mineral, XVI. 405.
 PHARNABAZUS, satrap of Phrygia, XVIII. 576.
 PHAROMACRUS, genus of birds, XX. 179; XXIII. 584.
 PHAROS, island and lighthouse, Alexandria, Egypt, I. 494.
 PHARPAR, river, Syria, I. 4; XXII. 821.
 PHARSALIA, Lucan's poem, XV. 36.
 PHARYNX, Anatomy of the, I. 837; VII. 222; disease of, XXIII. 321.
 PHASCACEÆ, group of mosses, XVII. 73.
 PHASCOGALE, or Phascogale, genus of marsupial mammals, XV. 380.
 PHASCOLARCTINÆ, subfamily of marsupial mammals, XV. 382.
 PHASCOLOMYS, genus of marsupial mammals, XXIV. 637; XV. 383.
 PHASCOLOTERIUM, fossil mammal, XV. 376.
 PHASCUM, genus of mosses, XVII. 72.
 PHASEOLUS, genus of plants, XII. 283.

- PHASIANUS, genus of birds, XVIII. 732.
PHASIS, Greek colony, Black Sea, XIX. 599.
PHASMODÆ, group of insects, XIII. 152.
PHAULCON, Constantine, Greek minister in Siam, XXI. 854.
PHAVERINUS (Guarino), Italian scholar, XI. 238.
PHAZANIA (Fezzan), ancient country, Africa, IX. 128.
PHEASANT, bird, XVIII. 732.
PHEASANT'S EYE, plant, I. 163.
PHEASANT-SHOOTING, XXI. 834.
PHÈDRE, Racine's drama, XX. 207.
PHENACITE, mineral, XVI. 411.
PHENIC ACID, v. 85.
PHENICIENNE, dye, v. 86.
PHENOL, carbolic acid, v. 85; XXIII. 57.
PHENOLS, series of organic alcohols, v. 563; XVIII. 238.
PHENOMENOLOGY OF SPIRIT, Hegel's treatise, XI. 618.
PHENYLAMINE (Aniline), in chemistry, II. 47; v. 575.
PHEON, in heraldry, XI. 703.
PHERA, town, island of Thera, Greece, XXIII. 280.
PHERÆ, ancient town, Greece, XIII. 826.
PHERECRATES, Greek Attic comedian, XVIII. 733.
PHERECYDES of Athens, Greek historian, XVIII. 733.
— of Syros, Greek philosopher, XVIII. 733.
PHIALÆ, ancient bowls, XIX. 179.
PHIDIAS, Greek sculptor and architect, XVIII. 733, 530; II. 355.
PHIGALIA, ancient town, Greece, XVIII. 734.
PHILADELPHIA (Ala-Shehr), ancient town, Asia Minor, I. 443.
— (Rabbah), ancient town, Syria, I. 743.
—, town, Pennsylvania, U.S.A., XVIII. 736; libraries of, XIV. 534, 551; newspapers, XVII. 434; convention (1787), XV. 182; XXIII. 748.
PHILADELPHUS, Ptolemy, king of Egypt, VII. 745.
PHILÆ, island, Egypt, VII. 783.
PHILAGATHUS (Pope John XVI.), XIII. 711.
PHILANTHROPY, in ethics, VIII. 590; of Quakers, XX. 151.
PHILARGI, Pietro (Pope Alexander V.), I. 487.
PHILASTER, tragedy by Beaumont and Fletcher, III. 470.
PHILEBUS, dialogue of Plato, XIX. 208.
PHILEMON, Greek poet, XVIII. 741; XXII. 20.
—, Epistle to, XVIII. 741.
PHILEPICUS, or Philippicus, emperor of Constantinople, XVIII. 748.
PHILEPITTA, genus of birds, XIX. 149.
- PHILES, Manuel, Byzantine dramatist, XI. 145.
PHILETÆRUS, chief of Pergamum, xv. 143; XVIII. 527.
PHILETAS, Alexandrian poet and critic, XVIII. 742; VII. 568.
PHILHETÆRUS, genus of birds, XXIV. 463.
PHILHYDRIDA, group of beetles, VI. 130.
PHILIBEG, or Kilt, in Scottish Highland dress, VI. 478.
PHILIBERT, prince of Savoy, XXI. 341.
PHILIDOR, François André Danican, French chess-player, v. 601.
PHILINUS of Cos, Alexandrian physician, xv. 801.
PHILIP, St. apostle, XVIII. 742.
—, the Evangelist, XVIII. 742.
—, the Arab, Roman emperor, XVIII. 755.
—, duke of Anjou, XIII. 484.
—, the Bold, duke of Burgundy, IV. 536; IX. 548.
—, the Good, duke of Burgundy, IV. 536; his rule in Holland, XII. 73.
— I., king of France, XVIII. 743; IX. 537; hostilities with William II. of England, XXIV. 577.
— II., Augustus, of France, XVIII. 743; IX. 540; his contentions with Richard I. of England, XX. 540; his improvements of Paris, XVIII. 288.
— III., the Rash, of France, XVIII. 743; IX. 544.
— IV., the Fair, of France, XVIII. 743; IX. 544; suppression of the Templars by, XXIII. 164.
— V., the Tall, of France, XVIII. 743.
— VI., of France, XVIII. 743; IX. 545.
— II., king of Macedonia, XVIII. 742; XI. 103; xv. 138; his relations with Persia, XVIII. 581; his contests with Rome, XX. 751; Demosthenes's opposition to, VII. 69; Isocrates's faith in, XIII. 389.
— III.-V., kings of Macedonia, XVIII. 742.
—, False (Andriscus), usurper of throne of Macedonia, II. 22.
—, duke of Orleans (1674-1723), regent of France, XVII. 852; IX. 584.
— (Égalité), duke of Orleans (1747-1793), XVII. 853; IX. 595, 598, 600, 604, 606.
— I., of Savoy, XXI. 341.
— I., king of Castile and Aragon (reckoned I. of Spain), XVIII. 743; XXII. 327.
— II., king of Spain, XVIII. 743; XIII. 717; xv. 594; XXII. 329; his rule in Holland, XII. 74; in Italy, XIII. 482; as king of Portugal, XIX. 547; his marriage with Queen Mary of England, VIII. 339; his secretaries, Perez and Escovedo, XVIII. 525.
— III., of Spain, XVIII. 746; XXII. 330.
- PHILIP IV., of Spain, XVIII. 746; XXII. 331.
— V., of Spain, XVIII. 746; XXII. 335.
—, duke of Swabia, XVIII. 746.
— of Amphipolis, Greek romancist, XX. 636.
—, Herod, tetrarch of Iturea, XI. 755; XIII. 426.
— VAN ARTEVELDE, Taylor's drama, XXIII. 93.
PHILIPHAUGH, Scotland, Battle of (1645), XVI. 796; XVII. 371; XXI. 513.
PHILIPON, Charles, French caricaturist, v. 105.
PHILIPPA, wife of Edward III. of England, VII. 683.
PHILIPPEION, at Olympia, Greece, XVII. 769.
PHILIPPI, ancient town, Macedonia, XVIII. 746.
PHILIPPIANS, Epistle to the, XVIII. 746.
PHILIPPICS, of Cicero, v. 772; of Demosthenes, VII. 69.
PHILIPPICUS, emperor of Constantinople, XVIII. 748.
PHILIPPINE ISLANDS, West Pacific, XVIII. 748; II. 687; XII. 815; birds of, III. 763; dictionaries of language, VII. 191.
PHILIPPOPOLIS, town, Eastern Roumelia, Turkey, XVIII. 753; XXIII. 318; department, XXI. 21.
PHILIPPSBURG, town, Baden, XVIII. 754.
—, town, St. Martin, West Indies, XXI. 186.
PHILIPPUS, M. Julius (Philip the Arab), Roman emperor, XVIII. 755.
— SIDETES, Byzantine Church historian, XXII. 238.
PHILIPS, Ambrose, English poet, XVIII. 754, 347.
—, John, English writer, XVIII. 754.
PHILISTIA, district, Palestine, XVIII. 755.
PHILISTINES, of Scripture, XVIII. 755; 174; XIII. 402; language of, XXI. 645.
PHILLIP, John, Scottish painter, XVIII. 757.
PHILLIPS, John, English geologist, XVIII. 758; on amber mines, I. 659.
—, Samuel, English writer, XVIII. 759.
—, Thomas, English painter, XVIII. 759.
—, Wendell, American orator, I. 723.
—, William, English geologist, XVIII. 759.
PHILLIPSITE, mineral, XVI. 422.
PHILO, Jewish-Hellenist poet, XVIII. 764.
—, or Philo Judæus, Jewish philosopher, XVIII. 759; I. 500; XV. 144; his relation to the Gospel histories,

- XIII. 658; on inspiration, XIII. 154; in relation to mysticism, XVII. 130; his influence on Neoplatonism, XVII. 334.
- PHILO of Byzantium, writer on mechanics, XVIII. 764.
- BYBLIUS, grammarian and historian, XVIII. 764; on Phœnicia, XVIII. 802; his translation of Sanchoniathon, VI. 447.
- PHILOCALIA, Origen's work, XVII. 840.
- PHILOCTETES, Sophocles's drama, XXII. 273.
- , Statue of, at Syracuse, II. 351.
- PHILODINA, genus of Rotifera, XXI. 4.
- PHILOLAUS, Pythagorean philosopher, XVIII. 764; XX. 138; on astronomy, II. 747.
- PHILOLOGIÆ ET MERCURII, De Nuptiis, romance, XX. 637.
- PHILOLOGIA SACRA, Glassius's, X. 674.
- PHILOLOGY, science of language, XVIII. 765; Wolf's definition of, XXIV. 629; in relation to anthropology, II. 117; to ethnology, VIII. 621; to mythology, XVII. 138; Boeckh's division of, III. 851; comparative, of Aryan languages, XVIII. 781. See Language.
- PHILOMELA, in Greek mythology, XVII. 499.
- PHILOMETOR, Demetrius III., king of Syria, VII. 58.
- , Ptolemy, king of Egypt, VII. 746.
- PHILOPATOR, king of Cappadocia, V. 76.
- , Antiochus, prince of Persia and Syria, XIII. 422.
- , Ptolemy, king of Egypt, VII. 746.
- , Seleucus IV., king of Persia and Syria, XVIII. 589.
- PHILOPEMEN, Greek warrior, XVIII. 790.
- PHILOPROGENITIVENESS, in phrenology, XVIII. 844.
- PHILOPSEUDES, Lucian's dialogue, XV. 44.
- PHILOSOPHER'S STONE, Search for the, I. 463.
- PHILOSOPHICAL SOCIETY, American, XVIII. 740.
- PHILOSOPHICAL TRANSACTIONS, of Royal Society of London, XXI. 38.
- PHILOSOPHUMENA, Hippolytus's work, XI. 854.
- PHILOSOPHY, XVIII. 791; evolution in, VIII. 751; in relation to logic, XIV. 780; to metaphysics, XVI. 79; modern, theism of, XXIII. 244, 249; influence of Christianity on, V. 698; pagan, influence of, on Christianity, V. 694; of religion, XXIII. 272; in relation to the Renaissance, XX. 382, 386; to Greek sophistry, XXII. 268; relation of zoology to, XXIV. 819; Arabian, II. 265; of Confucius, VI. 264; Cousin's, VI. 524; Cudworth's, VI. 689; Descartes on, VII. 119; eclectic, VII. 643; Eleatic, XXIV. 719; Zeno's Eleatic, XXIV. 778; Hamiltonian, XI. 417; Hegelian, XI. 618; Hindu, XXI. 289; XXIV. 117; Kantian, XIII. 847; Leibnitz's contributions to, XIV. 420; Locke's contributions to, XIV. 755; Mohammedan, XVI. 596; Neoplatonism, XVII. 332; Plato on, XIX. 206; Positive, or Comte's, VI. 234; Pythagorean, XX. 138; Reid's, XX. 351; sceptical, XXI. 378; Schelling's, XXI. 391; Schleiermacher's, XXI. 411; scholastic, XXI. 418; Schopenhauer's, XXI. 456; Socrates's relations to, XXII. 236; Spinoza's, XXII. 404; Dugald Stewart's contributions to, XXII. 547; Stoic, XXII. 562; Wolfian, XXIV. 632; Brucker's critical history of, IV. 395; Lewes's history of, XIV. 491.
- PHILOSOPHY OF THE HUMAN MIND, Thomas Brown's, IV. 387.
- PHILOSOPHY OF THE INDUCTIVE SCIENCES, Whewell's, XXIV. 539.
- PHILOSTORGIUS, church historian, XXII. 238.
- PHILOSTRATUS, Greek sophist, XVIII. 796; on legends of Troy, XX. 637.
- PHILOTAS, put to death by Alexander, I. 483.
- PHILOXENUS, Greek poet, XVIII. 797.
- of Hierapolis, Syriac writer, XXII. 831.
- of Mabbogh, Syriac writer, XXII. 825, 831.
- PHINEUS, in Greek mythology, XI. 491.
- PHINTIAS (Alicata), ancient town, Sicily, I. 574.
- PHIPPS, Captain, Arctic explorer, X. 190; XIX. 319.
- , Constantine Henry, marquis of Normanby, XVII. 538.
- PHITSALOK, ancient Siamese capital, XXI. 854.
- PHIVA (Thebes), town, Greece, XXIII. 229.
- PHLEBITIS, disease, XXII. 684.
- PHLEGMON, disease, XVIII. 398.
- PHLEGON of Tralles, Greek chronicler, XVIII. 798.
- PHLIPON, Manon Jeanne (Madame Roland), XX. 624.
- PHLOEM, or Bast, in vegetable histology, XII. 18.
- PHLOGISTON, Doctrine of, in chemistry, V. 460.
- PHLOGOPITE, mineral, XVI. 413.
- PHLOX, garden plant, XVIII. 798; XII. 258.
- PHOCA, genus of carnivorous mammals, XV. 443; XXI. 580.
- PHOCÆA, town, Asia Minor, XVIII. 798.
- PHOCÆNA, genus of cetacean mammals, XV. 398; XIX. 521.
- PHOCAS, emperor of the East, XVIII. 799, 614.
- PHOCAS, Nicephorus II., emperor of Constantinople, XVII. 482.
- PHOCIDÆ, family of carnivorous mammals, XV. 443.
- PHOCION, Athenian statesman, XVIII. 799.
- PHOCIS, district, Greece, XVIII. 801; coins of, XVII. 642.
- PHŒBIAS (Reggio di Calabria), Greek colony, Italy, XX. 341.
- PHŒBUS (Apollo), in Greek mythology, XVIII. 801; II. 185.
- , Gaston, viscount of Béarn, XVIII. 415.
- PHŒNICE, Roman divisions of Syria, XXII. 823.
- PHŒNICIA, region, Syria, XVIII. 801; coins of, XVII. 649; glass-making, X. 647; pottery, XIX. 605.
- PHŒNICIAN ALPHABET, I. 607.
- PHŒNICIAN LANGUAGE, XXI. 641, 646; inscriptions in, XIII. 116; dictionary of, VII. 189.
- PHŒNICIAN NUMERALS, XVII. 625.
- PHŒNICIANS, Asiatic people, XXII. 822; XI. 90; their relations with the Philistines, XVIII. 757; founders of Carthage, V. 160; remains of, in Malta, XV. 341; astronomy of, II. 745; early commerce, VI. 197; geography in time of, X. 175; language of, XXI. 641; ships of, XXI. 805.
- PHŒNICO-CHROITE, mineral, XVI. 403.
- PHŒNICOPTERUS, genus of birds, IX. 286.
- PHŒNISSÆ, Euripides's drama, VIII. 677.
- , Phrynichus's drama, XVIII. 854.
- PHŒNIX, legendary bird, XVIII. 810.
- , genus of palms, XVIII. 190.
- CONSPIRACY, Ireland, XIII. 271.
- PARK, Dublin, VII. 500.
- PHŒNIXVILLE, town, Pennsylvania, U.S.A., XVIII. 811.
- PHONAUTOGRAPH, acoustic instrument, I. 110; for deaf-mutes, VII. 9.
- PHONETICS, science of speech sounds, XVIII. 811, 770, 782; XXII. 381.
- PHONETISM, in language, I. 602.
- PHONOGRAPH, Telephonic, XXIII. 130, 134.
- PHONOGRAPHY, shorthand writing, XXI. 834.
- PHONOLITE, rock, X. 234.
- PHONOLOGY, in grammar, XI. 37.
- PHONOTYPY, XVIII. 812.
- PHONYGAMA, genus of birds, XV. 505.
- PHORA, ancient town, Patmos, Greek Archipelago, XVIII. 408.
- PHORMINX, Greek lyre, XV. 114.
- PHORMIO, Terence's play, XXIII. 187.
- PHORMIUM, vegetable fibre, XVIII. 812.
- PHORONIS, genus of Polyzoa, XIX. 433, 434.
- PHORUS, genus of Mollusca, XVI. 650.

- PHOSGENE, in chemistry, v. 87; xvii. 63.
- PHOSGENES, luminous impressions, viii. 822.
- PHOSPHATES, chemical salts, xviii. 818; v. 517, 518; deposits of, at Charleston, U.S.A., v. 428; of lime, as manures, i. 348; xv. 509.
- PHOSPHATIC GLASSES, for telescopes, xxiii. 143.
- PHOSPHIDE OF CALCIUM, xviii. 817.
- PHOSPHINE, in chemistry, v. 516; xviii. 817.
- PHOSPHO GUANO, xi. 234; xv. 512.
- PHOSPHOR-BRONZE, xviii. 817; wire of, xxiv. 615.
- PHOSPHORESCENCE, xviii. 813; xiv. 603; of annelids, ii. 71; in crystals, xvi. 375; in Protozoa, xix. 861; of the sea, vi. 664.
- PHOSPHORIC ACID, as manure, xv. 508.
- PHOSPHORISTS, school of Swedish literature, xxii. 757.
- PHOSPHORITE, mineral, xviii. 818.
- PHOSPHOROCHALCITE, mineral, xvi. 406.
- PHOSPHOROSCOPE, optical instrument, xiv. 603.
- PHOSPHORUS, chemical element, xviii. 815; v. 315; as fuel, ix. 809; in iron smelting, xiii. 296; in match manufacture, xv. 625; as plant food, xix. 49; as a poison, xix. 278; its presence in steel, xiii. 283.
- PHOTIUS, patriarch of Constantinople, xviii. 819; as lexicographer, xi. 146; on Greek romance, xx. 634; opposed by Pope Nicholas I., xvii. 483.
- PHOTODILUS, section of owls, xviii. 89.
- PHOTO-ENGRAVING, xviii. 834.
- PHOTOGRAPHIC PRINTING, xviii. 830.
- PHOTOGRAPHY, xviii. 821; Daguerre's invention of, vi. 761; Niepce's inventions in, xvii. 495; applied to astronomy, ii. 789, 802; xviii. 248; xxiii. 142, 148, 153; use of, in mapping, xxii. 714, 716.
- PHOTO-GRAVURE, process of map-printing, xxii. 717.
- PHOTO-LITHOGRAPHY, xiv. 699; xviii. 833.
- PHOTOMETRY, Celestial, xviii. 840; xiv. 583; xxiv. 423.
- PHOTOPHONE, telephone, xxiii. 130.
- PHOTO-RELIEFS, xviii. 834.
- PHOTOSPHERE, of the sun, xxii. 645.
- PHOXICHILUS, genus of Arachnida, ii. 277.
- PHOXINUS, genus of fishes, xvi. 477.
- PHRAASPA, Armenia, Siege of (36 B.C.), xviii. 598.
- PHRAATES I., Parthian king, xviii. 590.
- II., Parthian king, xviii. 594.
- III., Parthian king, xviii. 595.
- IV., Parthian king, xviii. 598.
- PHRAATES V., Parthian king, xviii. 600.
- PHRABAT, mountain, Siam, xxi. 851.
- PHRANTZES, Georgius, Byzantine historian, iv. 614.
- PHRAORTES, Median king, xviii. 562.
- , Median rebel, xviii. 569.
- PHRASEOGRAMS, in shorthand, xxi. 839.
- PHRATRIA, division of tribe, at Athens, viii. 620.
- PHRENOLOGY, xviii. 842; Combe's essays on, vi. 179; Gall's researches in, x. 37.
- PHRENO-TYPING, mnemonic system, xvi. 533.
- PHRIAPATIUS, Parthian king, xviii. 590.
- PHRYGIA, country, Asia Minor, xviii. 849; coins of, xvii. 648.
- PHRYGIAN MYSTERIES, xvii. 126.
- PHRYNE, Greek courtesan, xviii. 853; ii. 169.
- PHRYNICHUS, Athenian general, xviii. 854.
- , Athenian tragic poet, xviii. 854.
- , poet of Old Attic Comedy, xviii. 854.
- ARABIUS, Bithynian grammarian, xviii. 854.
- PHRYNIDES, family of Arachnida, ii. 289.
- PHRYNOSOMA, genus of lizards, xiv. 736.
- PHTHA, Egyptian divinity, vii. 717.
- PHTHALIC ACID, xviii. 855.
- PHTHIOTIS, district, Thessaly, xxiii. 299.
- PHTHIRIASIS, disease, xv. 24; xxii. 123.
- PHTHISIS, disease, xviii. 855, 405.
- PHU-THUA-THIEN, or Phu-tua-tien (Hué), town, Anam, vi. 96; xii. 333.
- PHYCOERYTHIN, colouring matter in plants, xix. 52.
- PHYCOMYCETES, order of Fungi, ix. 830; xxiv. 127.
- PHYCOXANTHIN, colouring matter in plants, xix. 52.
- PHYLACTERY, Jewish prayer-thong, xix. 1; i. 781; iii. 193.
- PHYLACTOLÆMA, order of Polyzoa, xix. 436.
- PHYLLIDIOBRANCHIA, suborder of Mollusca, xvi. 645, 655.
- PHYLLIRHOE, genus of Mollusca, xvi. 634, 656.
- PHYLLOCACTUS, group of Cactaceæ, iv. 626.
- PHYLLOPTERYX, genus of fishes, xi. 852; xxi. 579.
- PHYLLORHINA, genus of bats, xv. 412.
- PHYLLOSCOPUS, genus of birds, xxiv. 688.
- PHYLLOSTICTA, vine fungus, xxiv. 240.
- PHYLLOSTOMIDÆ, family of chiropterous mammals, xv. 414.
- PHYLLOTAXIS, arrangement of leaves, in plants, iv. 115.
- PHYLLOXERA, vine parasite, xxiv. 238 604; xix. 537.
- PHYLOGENY, ancestral development, ii. 49; iii. 690.
- PHYSALOSPORA, grape fungus, xxiv. 240.
- PHYSETER, genus of cetacean mammals, xv. 396; xxiv. 525.
- PHYSICAL CONSTANTS, xxiv. 479, 480.
- PHYSICAL GEOGRAPHY, x. 210.
- PHYSICAL-MEDICAL SCHOOL, xv. 810.
- PHYSICAL SCIENCES, xix. 1.
- PHYSICIANS, Royal College of, London, xiv. 652.
- PHYSIC NUT, xvii. 664, 665.
- PHYSICS, xix. 1; of Aristotle, ii. 520; Epicurean theory of, viii. 474; Kant's works on, xiii. 847; Stoic doctrine of, xxii. 563; physical societies, xxii. 225.
- PHYSIOCRATS, French school of economists, xix. 359; xx. 176.
- PHYSIOGNOMY, xix. 3; Lavater on, xiv. 351.
- PHYSIOGRAPHY, in geology, x. 370.
- PHYSIOLOGICAL SELECTION, Romanes's theory, xxiv. 82.
- PHYSIOLOGUS, mediæval collection of allegories, xix. 6.
- PHYSIOLOGY, xix. 8 (index, 63); iii. 684; xvii. 667; scope of the science, xxiv. 800; in relation to medicine, xv. 794; to morphology, xvi. 845; to phrenology, xviii. 847; to psychology, xx. 37; to zoological study, xxiv. 814; vegetable, xix. 43; Empedocles's theory of, viii. 179; contributions to the science by Brodie, iv. 358; by Andrew Combe, vi. 179; by Johannes Müller, xvii. 17; by Schwann, xxi. 460; by Spallanzani, xxii. 367; by Wagner, xxiv. 313.
- PHYSOSTIGMINE, vegetable alkaloid, iv. 650.
- PHYSOSTOMI, order of fishes, xii. 692.
- PHYTELEPHAS, genus of plants, xiii. 524; xviii. 190.
- PHYTOMASTIGODA, group of Protozoa, xix. 857.
- PHYTOPHAGA, section of beetles, vi. 134.
- PIACENZA, town, Italy, xix. 64; university of, xxiii. 836.
- PIACULAR SACRIFICES, xxi. 136.
- PIAGNONI, Florentine faction, xxi. 337.
- PIA MATER, Anatomy of the, i. 865.
- PIANOFORTE, musical instrument, xix. 64; invention and introduction of, xvii. 94.
- PIANOSA, island, Italy, xiii. 440.
- PIARISTS, Roman Catholic brotherhood, xix. 78.
- PIATRA, town, Roumania, xix. 78.
- PIAZZA ARMERINA, town, Sicily, xix. 79.

- PIAZZI, Giuseppe, Italian astronomer, II. 758.
- PICA, genus of birds, XV. 284.
- PICACHO DE LA SIERRA, mountain, Venezuela, XXIV. 139.
- PICARD, Jean, French astronomer, II. 755; his measurement of arc of the meridian, VII. 597.
- PICARDS (Beghards, *q.v.*), religious sect, in Bohemia, I. 140.
- PICARDY, province, France, XIX. 79.
- PICARLÉ, group of birds, XVIII. 47.
- PICCADILLY, London, XIV. 847.
- PICCI, Gio Antonio, Sienese historian, XXII. 43.
- PICCINI, Niccola, Italian musical composer, XIX. 79; XVII. 95.
- PICCOLO, flute, IX. 350.
- PICCOLOMINI, Æneas Sylvius (Pope Pius II.), XIX. 152; XXII. 41, 43.
- PICCOLPASSO, Cipriano, on majolica ware, XIX. 625.
- PICEA, genus of trees, IX. 224.
- PICENTES, ancient Italian people, XXI. 128; XXIII. 723.
- PICENUM, ancient district, Italy, XIII. 444, 447.
- PICHEGRU, Charles, French general, XIX. 79; IX. 606; III. 130; his invasion of Holland, XII. 82.
- PICHICIAGO, edentate mammal, v. 676; XV. 387.
- PICHINCHA, mountain, Ecuador, VII. 645; XX. 189.
- PICK, mining implement, XVI. 444.
- , Edward, on mnemonics, XVI. 533.
- PICKEREL, fish, XIX. 89.
- PICKERING, Prof., his method of stellar photometry, XVIII. 841.
- CASTLE, Yorkshire, England, XXIV. 749.
- PICKLES, XIX. 80.
- PICKWICK PAPERS, Dickens's novel, VII. 175.
- PICO, island, Azores, III. 172.
- , mountain, Vermont, U.S.A., XXIII. 792.
- , Giovanni, of Mirandola, Italian philosopher, XIX. 80.
- PICOTEE, plant, XII. 254; XIX. 106.
- PICOTITE, mineral, XVI. 386.
- PICRÆNA, genus of plants, XX. 160.
- PICRIC ACID, v. 85; VIII. 808.
- PICROLITE, mineral, XVI. 414.
- PICROPHYLL, mineral, XVI. 414.
- PICROSMINE, mineral, XVI. 414.
- PICTET, Raoul, his liquefaction of gases, XIX. 245; his apparatus, XII. 434.
- PICTON, Sir Thomas, British general, XIX. 81.
- PICTONES, tribe of ancient France, XIX. 282.
- PICTOR, Q. Fabius, Roman historian, VIII. 836; XIV. 728.
- PICTOU, town, Nova Scotia, XVII. 603; island, XVII. 601.
- PICTS, ancient people, Scotland, IV. 353, 663; VIII. 265; XXI. 473, 476; of Irish legend, XIII. 244.
- PICTS' HOUSES, II. 339; in Orkney and Shetland, II. 384; XVII. 848.
- PICTURE-FRAME MAKING, v. 170.
- PICTURE GALLERIES, of Europe, XXI. 444.
- PICTURE-WRITING, VII. 447; Mexican, XVI. 212.
- PICULETS, group of birds, XXIV. 652.
- PICUS, genus of birds, XXIV. 651; III. 716; in Roman mythology, xv. 570.
- PIDHAVRO, town, Greece, VIII. 476.
- PIDURU TALAGALA, mountain, Ceylon, v. 359.
- PIE, or Magpie, bird, xv. 284; XIII. 610.
- PIEDMONT, region, North Italy, XIX. 81; dialect of, XIII. 493; under Cavour, v. 275.
- , House of, Italian dynasty, XIII. 483.
- , Kingdom of, Italy, XIII. 486.
- PIEDMONTITE, mineral, XVI. 409.
- PIEDMONT PLATEAU, North Carolina and Virginia, U.S.A., XVII. 559; XXIV. 256.
- PIEPOWDER COURTS, England, VIII. 849.
- PIER, Harbour, XI. 455, 465.
- PIERCE, Franklin, president of the United States, XIX. 81; XXIII. 770.
- PLOWMAN'S CREDE, anonymous poem, XIV. 285.
- PIERIA, district, Macedonia, xv. 137.
- PIERO DE' FRANCESCHI, Italian painter, XIX. 82; XXI. 435.
- PIERPOINT, John, American poet, I. 722.
- PIERRE DE PROVENCE ET LA BELLE MAGUELONNE, romance, XX. 658.
- PIERRES PERDUES, in harbours, XI. 464.
- PIERSON, Abraham, one of the founders of Newark, New Jersey, U.S.A., XVII. 371.
- PIERS THE PLOWMAN, Vision of William concerning, Langland's poem, XIV. 285, 811; XXI. 319, 740; lines from, quoted, I. 586.
- PIÉTÉ, Mont de, national pawnbroking establishment, Paris, XVIII. 283.
- PIETER BOTTE, mountain, Mauritius, xv. 639.
- PIETERMARITZBURG, town, Natal, I. 270; XVII. 240.
- PIETISM, German religious movement, XIX. 83; IX. 702; X. 532; XX. 289; XXII. 392; influence of, v. 695; in Halle university, XXIII. 847.
- PIETRA DURA, variety of mosaic, XIII. 81.
- PIETRO, Giovanni di (Lo Spagna), Italian painter, XXII. 292.
- DE' FRANCESCHI, Italian painter, XIX. 82; XXI. 435.
- IMPERIOLA, prefect of Rome, XX. 789.
- PIETROSS, mountain, Transylvania, XXIII. 521.
- PIETROZZA, mountain, Austria, III. 116.
- PIEZOMETER, for measuring compression of liquids, xv. 745; XVIII. 549; XXIII. 292.
- PIG, XXII. 773; diseases of the, XXIV. 205, 206; as an unclean animal, XXIII. 18.
- PIGALLE, Jean Baptiste, French sculptor, XIX. 84.
- PIGAULT-LEBRUN, Charles Antoine Guillaume, French novelist, XIX. 84.
- PIGEON, bird, XIX. 84, 647; VII. 379; peculiarities in breeds of, IV. 246, 247; carrier, VII. 379.
- ENGLISH, jargon spoken by Chinamen, v. 38.
- ISLAND, West Indies, XXI. 186.
- PIGEON-POST, XIX. 581.
- PIGEON-SHOOTING, XXI. 833.
- PIG-IRON, XIII. 306; qualities of, XIII. 284.
- PIGMENTS, XIX. 85; in animal tissues, I. 851; in plants, XIX. 52; in fungi, IX. 828; from lichens, XIV. 559; of copper, VI. 351; colours from mixture of, XIV. 600; for pottery, XIX. 643; for water-colour painting, XVIII. 139.
- PIGNATELLI, Antonio (Pope Innocent XII.), XIII. 85.
- PIGNEAUX DE BETAINE, bishop in Tong-King, XXIII. 440.
- PIGNORIS CAPIO, in Roman law, XX. 685.
- PIGOT, Thomas, English musician, XVII. 89.
- PIGOTT'S COMET, VI. 192.
- PIG-RAT, rodent mammal, XVII. 5.
- PIG-STICKING, sport, XII. 396.
- PIGTAIL TOBACCO, XXIII. 426.
- PIH-TUN-TSZE, porcelain earth, XIV. 90.
- PIKE, fish, XIX. 88; XII. 693; parasite in, XXIII. 540; angling for, II. 44.
- , William, on steam cultivation, I. 317.
- , Zebulon M., explorer of New Mexico, XVII. 401.
- PIKE-PERCH, fish, XIX. 89.
- PIKE'S PEAK, Rocky Mountains, U.S.A., XXIII. 796.
- PILAR, Villa, town, Paraguay, XVIII. 244.
- PILASTER, in architecture, II. 469; Egyptian, II. 391.
- PILATE, Pontius, Roman governor of Judæa, XIX. 89; XIII. 668.
- PILÂTRE DE ROZIER, François, aeronaut, I. 188, 191.
- PILCHARD, fish, XIX. 90; XII. 694; fisheries, VI. 426; IX. 253, 254.
- PILCOMAYO, river, South America, XIX. 188.
- PILE, in heraldry, XI. 696.
- FABRICS, cloth, XXIV. 467.
- PILES, in bridge-building, IV. 327.
- , disease, XI. 366; XXII. 684.

- PILGRIMAGE, XIX. 90; VI. 622; penitential, XVIII. 484; to Mecca, XV. 670.
 — OF GRACE, England, VIII. 336.
 PILGRIM FATHERS, XII. 726; XV. 615; XXIII. 729.
 PILGRIMS, in Middle Ages, XIX. 95.
 — OF THE RHINE, Lytton's novel, XV. 122.
 PILGRIM'S PROGRESS, Bunyan's work, IV. 529.
 PILICA, river, Poland, XIX. 307; XX. 218.
 PILIDIUM, larva of nemertine worm, XVII. 331.
 PILLAR, in architecture, II. 469; strength of pillars, IV. 321.
 PILLAR-HERMITS, early Christian ascetics, XVI. 701.
 PILLARS OF HERCULES, X. 585; XXII. 304.
 PILLAU, town, Prussia, XIV. 139.
 PILL BEETLES, VI. 131.
 PILLERSDORF, Baron, Austrian minister, III. 136.
 PILLORY, mode of punishment, XIX. 95.
 — AND TUMBRELL (or TUMBRIL), Cinque Port right, V. 787; Statute of, I. 167.
 PILLOW LACE, XIV. 183, 187.
 PILMOOR, Joseph, American Methodist, XVI. 191.
 PILNITZ CONVENTIONS, IX. 602.
 PILOCEREUS, group of Cactaceæ, IV. 626.
 PILOLITE, mineral, XVI. 418.
 PILON, Germain, French sculptor, XXI. 563.
 PILOT, his legal position, XIX. 96; XVII. 279.
 PILOT-FISH, XIX. 96.
 PILOT WHALE, cetacean mammal, XV. 399; XXIV. 525.
 PILPAY (Bidpai), Hindu fabulist, III. 666; his fables, VIII. 837.
 PILSEN, town, Bohemia, XIX. 97.
 PILUM, Roman weapon, II. 554.
 PIMAS, American-Indian tribe, XII. 833.
 PIMELITE, mineral, XVI. 414.
 PIMENTEL, town, Peru, XVIII. 674.
 PIMENTO, spice, XIX. 97; XVIII. 517.
 PIN, XIX. 97.
 PINACOID, form of crystal, XVI. 358, 360.
 PINAKOTHEK, art-gallery, at Munich, Bavaria, XVII. 25.
 PINARA, town, Asia Minor, XV. 93.
 PINASTER, tree, XIX. 104.
 PINAX, Greek fictile vessel, XIX. 611.
 PINCERS, tool, XI. 439.
 PINCHBECK, alloy of copper and zinc, I. 588.
 PINCKNEY, Charles, American statesman, XXIII. 790.
 —, Charles Cotesworth, American statesman, XXIII. 790.
 PINÇON, or Pinzon (*q.v.*), Vincent Yañez, discoverer of Brazil, XIX. 110; IV. 227.
 PINDAR, Greek poet, XIX. 98; XI. 139; his odes, XIX. 270; his house spared by Alexander, I. 481; Boeckh's edition of, III. 851.
 —, Peter (John Walcot), English satirist, XXIV. 628.
 PINDAREES, Pindaris, or Pindharis, race of people, India, XII. 805; XV. 346.
 PINDUS, mountain chain, Greece, XI. 81; XXIII. 298.
 PINE, tree, XIX. 102; culture of, II. 316, 319; pines of the Alps, I. 632; of California, IV. 704; of U.S.A., XXIII. 808; strength of wood, XXII. 603.
 —, John, his engraved edition of Horace, III. 652.
 PINE-APPLE, plant and fruit, XIX. 106; XII. 274.
 PINE-BENDER (Sinis), of Greek legend, XXIII. 294.
 PINE GROSEBEAK, bird, XI. 209.
 PINEL, Philippe, French physician, XIX. 106.
 PINE MOUNTAIN, Kentucky, U.S.A., XIV. 41.
 PINE NUT, XVII. 665.
 PINE OILS, XVII. 744, 746.
 PINEROLO, town, Italy, XIX. 106.
 PINERY, in horticulture, XII. 223.
 PINES, Isle of, New Caledonia, XVII. 376.
 PINE SAW-FLY, insect, XXI. 343.
 PINETO, S., his logarithmic tables, XIV. 775.
 PINE TREE STATE (Maine), U.S.A., XV. 299.
 PINETTI DE WILDALLE, Giuseppe, Italian conjuror, XV. 208.
 PINEY TALLOW, XVII. 746.
 PINGUICULA, insectivorous plant, XIII. 134, 137.
 PINGUITE, mineral, XVI. 425.
 PINITE, mineral, XVI. 418.
 PINITOID, mineral, XVI. 425.
 PINK, plant, XIX. 106; XII. 258.
 PINKERTON, John, Scottish archaeologist, XIX. 107.
 PINKETHMAN, English pantomimist, XVIII. 216.
 PINKIE, Scotland, Battle of (1547), XXI. 500.
 PIN-MONEY, XII. 401.
 PINNACE, boat, XXI. 825.
 PINNACLE, in architecture, II. 469.
 PINNIPEDIA, suborder of carnivorous mammals, XV. 442.
 PINOS, Isla de, Cuba, VI. 679.
 PINSK, town, Russia, XIX. 107.
 PINTAIL, duck, VII. 506.
 PINTO, disease, XVIII. 270.
 —, Emmanuel, grand-master of the Knights of St John, XXI. 175.
 —, Fernão Mendes, Portuguese adventurer, XIX. 107.
 PINTURICCHIO (Bernardino di Betti), Italian painter, XIX. 108; IX. 773.
 PINUS, genus of trees, XIX. 102.
 PIN-WORM, parasite, XXIV. 205.
 PINZON, Martin Alonzo, Spanish navigator, XIX. 109; I. 707; VI. 172.
 —, Vicente Yañez, Spanish navigator, XIX. 110; I. 707; IV. 227; VI. 172.
 PIO, Alberto, Italian patron of early printing, XV. 512.
 PIOMBO, Sebastiano del, Italian painter, XXI. 615, 442.
 PIOTRKOW, town, Russian Poland, XIX. 110; diet of (1496), XIX. 290.
 PIOZZI, Hester Lynch, English writer, XIX. 110.
 PIPE, musical instrument, XIX. 110.
 —, Organ, XVII. 829; theories of sound from, I. 114, 115.
 —, Tobacco, XIX. 110.
 PIPE-BOWLS, of meerschaum, XV. 825.
 PIPE-CLAY, X. 237.
 PIPE-FISHES, XIX. 112.
 PIPER, genus of plants, XIV. 18; XVIII. 516.
 PIPERIC ACID, XVIII. 516.
 PIPER OF HAMELN, German legend, XI. 409.
 PIPE ROLL, of Cloyne, Ireland, VI. 38.
 PIPES, of cast-iron, used in place of aqueducts, II. 222; flow of water in, XII. 484.
 PIPIN AND SPASOVICH, their history of Slavonic literature, XXI. 108.
 PIPISTRELLE, bat, XV. 410.
 PIPIT, bird, XIX. 112.
 PIPPI, Giulio, Italian painter, XIX. 112.
 PIPPIN, Carolingian kings, XIX. 114.
 — of Heristal, father of Charles Martel, XIX. 114; IX. 531.
 — of Landen, Frankish mayor of the palace, XIX. 114; IX. 530.
 —, the Short, king of the Franks, XIX. 114; IX. 531; XX. 785.
 PIPPUL, or Sacred Fig, tree, IX. 154.
 PIPRA, genus of birds, XV. 455.
 PIQUA, town, Ohio, U.S.A., XIX. 114.
 PIQUET, card game, XIX. 114.
 PIRACY, XIX. 116; XXI. 607; Algerine, I. 565; Tunisian, XXIII. 621.
 —, of books, VI. 361.
 PIRÆUS, port of Athens, Greece, III. 4; XVIII. 530.
 PIRANESI, Giovanni Battista, Italian engraver, XIX. 117.
 PIRATES, XIX. 117; buccaneers, IV. 408.
 PIRITHOUS, in Greek mythology, XIV. 301; XXIII. 294.
 PIRKHEIMER, Willibald, his relations with Dürer, VII. 556.
 PIRMASSENS, town, Bavaria, XIX. 117.
 PIRNA, town, Saxony, XIX. 118.
 PIRON, Alexis, French epigrammatist, XIX. 118.
 PIR PANJAB PASS, Kashmir, XIV. 10.
 PIRYATIN, town, Russia, XIX. 410.

- PISA, town, Italy, XIX. 118; baptistery, XIX. 124; cathedral, II. 435; Campo Santo cloister, VI. 36; its school of painting, XXI. 433, 442; pictures, XXI. 447; leaning tower, IV. 753; XXI. 22; council of (1409), X. 550; XIX. 502; XX. 320.
- , ancient state, Greece, XVII. 766.
- , Leonardo of (Pisanus), Italian mathematician, XIX. 124.
- PISAN, Christine de, early French writer, IX. 647.
- PISANELLO (Vittore Pisano), Italian medallist and sculptor, XIX. 124; XXI. 568.
- PISANI, Victor, Venetian admiral, XXIV. 144.
- PISANO, Andrea, Italian sculptor, XIX. 122.
- , Giovanni, Italian architect and sculptor, XIX. 122; wall decorations of, XVII. 35.
- , Giunta, Italian painter, X. 624; XXI. 433; his fresco painting, IX. 770.
- , Niccola, Italian architect and sculptor, XIX. 123; II. 435.
- , Nino, Italian sculptor, XIX. 122.
- , Vittore, Italian medallist, XIX. 124; medals of, XVII. 657.
- PISANUS, Leonardus, Italian mathematician, XIX. 124.
- PISATIS, ancient district, Greece, XVII. 765, 766.
- PISAURUM (Pesaro), ancient town, Italy, XVIII. 683.
- PISCARY, Common of, fishing right, VI. 209.
- PISCATOR, Lucian's dialogue, XV. 44.
- PISCICULTURE, or Fish-Culture, XIX. 126; salmon, XXI. 226; in New Zealand, XVII. 470.
- PISCINÆ, in architecture, II. 470.
- , Roman baths, III. 434.
- PISCO, town, Peru, XVIII. 674.
- PISEK, town, Bohemia, XIX. 129.
- PISEMSKI, Russian novelist, XXI. 108.
- PISE WORK, in building, IV. 471.
- PISHIN, valley, Baluchistan, XX. 178.
- PISIDES, George, Byzantine writer, X. 429.
- PISIDIA, country, Asia Minor, XIX. 129; coins of, XVII. 648.
- PISIDIUM, genus of Mollusca, XVI. 694.
- PISISTRATUS, tyrant of Athens, XIX. 130; XI. 97; XXII. 255; his alleged collection of the Homeric poems, XII. 116.
- PISO, C. Calpurnius, conspirator against Nero, XVII. 350.
- , Cneius Calpurnius, colleague of Germanicus, X. 446.
- , L. Calpurnius, heir of Galba, XVIII. 65.
- PISOLITE, mineral, XVI. 397.
- PISOLITIC IRON ORES, XIII. 287.
- PISRA, or Pisren (Prisrend), town, Roumelia, Turkey, XIX. 764.
- PISSEVACHE, waterfall, Switzerland, XXII. 777.
- PISSOPHANE, mineral, XVI. 401.
- PISSUTHNES, satrap of Sardis, XVIII. 575.
- PISTACHIO NUT, XIX. 131; XVII. 665.
- PISTACIA, genus of plants, XV. 621; XXIII. 669.
- PISTIL, organ of plants, IV. 135, 141.
- PISTOIA, town, Italy, XIX. 130.
- , Cino da, Italian poet, XIII. 502.
- PISTOL, weapon, XI. 285; XIX. 131.
- PISUM, genus of plants, XVIII. 441.
- PITARD, Jean, French surgeon, XXII. 675.
- PITCAIRN, or Pitcairn's Island, island, South Pacific, XIX. 132; settlement of the islanders on Norfolk Island, XVII. 537.
- PITCAIRNE, Archibald, Scottish physician, XIX. 132; XV. 811.
- PITCH, in music, I. 107; of voice, XXIV. 274; XVII. 102.
- , tar product, XXIII. 58; Burgundy, IX. 711; viscosity of, VI. 311.
- PITCH-BLENDE, mineral, XVI. 386; XXIV. 7.
- PITCHER-PLANT, XIII. 138.
- PITCH-PINE, tree, XIX. 105.
- PITCHSTONE, rock, X. 231, 234.
- PITH, in plants, IV. 100.
- PITHAGORAS, tyrant of Selinus, XXI. 633.
- PITHECIA, genus of apes, II. 154.
- PITHECUSA (Ischia), island, Italy, XIII. 385.
- PITHO, satrap of Media, XVIII. 585.
- PITHOLE, town, Pennsylvania, U.S.A., XVIII. 716.
- PITHOM, town, Egypt, XIX. 133; XX. 265.
- PITHOU, Pierre, French jurist, XIX. 133.
- PITISCUS, Bartholomäus, German mathematician, XXIII. 562; his mathematical tables, XIV. 775; XXIII. 9.
- PITMAN, Isaac, English phonographer, XXI. 834.
- PITON DES NEIGES, mountain, Réunion, XX. 491.
- PIT PROPS, in mines, XVI. 450.
- PITSCOTTIE, Robert of, Scottish chronicler, XXI. 542.
- PITT, mountain, Oregon, U.S.A., XVII. 822; XXIII. 800.
- , William, earl of Chatham, V. 440; VIII. 356.
- , William, English statesman, XIX. 134; VIII. 358, 359; X. 425; his measures of finance, IX. 186.
- PITTA, bird, XIX. 148.
- PITTACUS, of Mytilene, Greek sage, XIX. 149.
- PITT DIAMOND, VII. 166.
- PITTICITE, mineral, XVI. 408.
- PITTI GALLERY, at Florence, IX. 332.
- PITTSBURGH, town, Pennsylvania, U.S.A., XIX. 150.
- , LANDING, Tennessee, U.S.A., Battle of (1862), XXIII. 776.
- PITTSFIELD, town, Massachusetts, U.S.A., XIX. 151.
- PITT'S ISLAND, Pacific Ocean, V. 444.
- PITTSTON, town, Pennsylvania, U.S.A., XIX. 151.
- PIT-VIPERS, family of snakes, XX. 293; XXII. 193, 199.
- PITYRIASIS, skin disease, XVIII. 270; XXII. 123.
- PITYUSA, Greek colony, Asia Minor, XIV. 249.
- PIURA, San Miguel de, town, Peru, I. 89; XVIII. 441, 674.
- PIUS I., pope, XIX. 151.
- , II., pope, XIX. 152, 503; XX. 559; his connexion with Siena, XXII. 41, 43.
- , III., pope, XIX. 153.
- , IV., pope, XIX. 153, 504; his relation to council of Trent, XXIII. 548.
- , V., pope, XIX. 153, 504.
- , VI., pope, XIX. 154, 507.
- , VII., pope, XIX. 155, 508; XIII. 485.
- , VIII., pope, XIX. 156, 509.
- , IX., pope, XIX. 156, 509; XIII. 488; XX. 806; Vatican Council under (1869), XXIV. 110.
- , Quintus Cæcilius Metellus, Roman general, XVI. 106.
- PIVATI, Gianfrancesco, Italian encyclopædist, VIII. 197.
- PIYADASI, Indian king, his edicts in ancient inscriptions, XIII. 118.
- PIZARRO, Francisco, conqueror of Peru, XIX. 159; X. 182; conquest of Peru by, XVIII. 677, 679; his treatment of Atahualpa, II. 826.
- , Gonzalo, Spanish captain, Peru, XVIII. 676.
- PIZZOLO, Niccolo, Italian painter, XV. 501.
- PLACENTA, of mammals, XV. 368; of plants, IV. 142; placental developments, in physiology, XVIII. 364; placental function in congenital disorders, XVIII. 374.
- PLACENTALIA, order of mammals, XV. 372, 383.
- PLACENTIA (Piacenza), ancient town, Italy, XIX. 64; amphitheatre at, I. 775.
- , BAY, Newfoundland, XVII. 382.
- PLACES, Names of, XVII. 168.
- PLACODERMI, suborder of fossil fishes, XII. 686.
- PLADDA, islet, Scotland, II. 629.
- PLAGIAULAX, fossil mammal, XV. 376.
- PLAGIONITE, mineral, XVI. 394.
- PLAGIOSTOMATA, suborder of fishes, XII. 685.
- PLAGIOTROPIC ORGANS, in plants, XIX. 61.

- PLAGIUM, in law, XXIII. 233.
- PLAGUE, epidemic disease, XIX. 159; quarantine against, XX. 156; of London (1664), XIV. 848; in Egypt, VII. 703.
- , History of the, by Defoe, VII. 29.
- , Cattle, XVII. 59.
- PLAICE, fish, XIX. 168.
- PLAIDEURS, Les, Racine's play, XX. 206.
- PLAIN CHANT, or Plain Song, in music, XIX. 168.
- PLAIN DEALER, The, Wycherley's play, XXIV. 706.
- PLAINE DISCOVERY, Napier's work on the Revelation, XVII. 178.
- PLAINFIELD, town, New Jersey, U.S.A., XIX. 168.
- PLAIN SONG, in music, XIX. 168.
- PLAITING, Straw, XXII. 593.
- PLAKINA, genus of sponges, XXII. 425.
- PLANARIANS, group of worms, XIX. 170.
- PLANCIUS, Petrus, Dutch cartographer, XVII. 253; XIX. 317.
- PLANCK, Gottlieb Jakob, German church historian, XIX. 175.
- PLANE, in geometry, X. 386.
- , tool, XI. 437.
- , tree, Culture of, II. 317.
- FIGURES, Mensuration of, XVI. 14; projection of, XIX. 793.
- PLANE-TABLE, for surveying, XXII. 718.
- PLANETARY MOTION, Mechanics of, XV. 684, 707, 724.
- PLANETS, II. 776; XI. 70; Olbers's hypothesis as to their origin, XVII. 753; their action on the moon, XVI. 802; minor, table of oppositions of, XVIII. 251; rotation of, XXIII. 374, 378; Herschel on rotation of, XI. 766; Kepler's laws of their motion, XIV. 46; Laplace's discoveries in motions of, XIV. 301; Leverrier's revision of theories of, XIV. 487; Newton's laws of their motion, XVI. 676; XVII. 441; Ptolemy on, XX. 90.
- PLANIMETER, surveying instrument, XXII. 721.
- PLANING MACHINE, XV. 155.
- PLANIPENNIA, group of insects, XIII. 151.
- PLANISPHERE, Zodiacal, XXIV. 795.
- PLANK, Bending of, in mechanics, XV. 744.
- PLANOGAMETES, in plant reproduction, XX. 425.
- PLANTAGENET, English dynasty, XIX. 175.
- SPA, Canada, XVI. 436.
- PLANTAGO, genus of plants, XIX. 176.
- PLANTAIN, plant, XIX. 176.
- PLANTAIN-EATER, bird, XXIII. 487.
- PLANTATIONS, Formation and management of, II. 322.
- PLANTIN, Christophe, printer in Antwerp, XIX. 176.
- PLANTING, in arboriculture, II. 314.
- PLANT-LOUSE, XIII. 153.
- PLANTS, distinguished from animals, III. 690; XIX. 830; breeds of, IV. 244; classification, IV. 79; Linnæus's classification, XIV. 672; distribution, VII. 286; fertilization of, by insects, XIII. 142; geological action of, X. 289; histology, XII. 10; insectivorous, XIII. 134; mimicry in, XVI. 343; morphology, XVI. 841; parasitism, XVIII. 264; physiology, XIX. 43; XXI. 406; propagation and reproduction, XII. 211, 234; XX. 423; as totems, XXIII. 468.
- PLANUDES, Maximus, his Greek anthology, II. 104; on numerals, XVII. 626.
- PLANULA, in animal development, VIII. 746.
- PLASENCIA, town, Spain, XIX. 177.
- PLASMA, precious stone, I. 278.
- PLASMOLOGY, study of cell-substance, XXIV. 817.
- PLASSEY, or Plassy, India, Battle of (1757), VI. 10; XII. 801.
- PLASTER CAST, for sculpture, XXI. 571.
- PLASTERING, in architecture, II. 470.
- PLASTER OF PARIS, or Gypsum, XI. 351; XIV. 647, 648; quarries, XVI. 454.
- PLASTER-WORK, in building, IV. 504.
- PLASTICITY, of metals, XVI. 65.
- PLASTIDOOA, in Lankester's classification, XXIV. 812.
- PLAT, Sir Hugh, on manures, I. 297.
- PLATA, La, or Argentine Republic, II. 487.
- , Rio de la (The River Plate), river, South America, XIX. 187; II. 489.
- PLATÆA, ancient town, Greece, XIX. 177; battle of (479 B.C.), XVIII. 436, 572.
- PLATALEA, genus of birds, XXII. 430.
- PLATANISTA, genus of cetacean mammals, XV. 397.
- PLATE, Gold and silver, XIX. 178.
- , one of the Princes Islands, Sea of Marmora, XIX. 742.
- , The River, South America, XIX. 187; II. 489.
- PLATEARIUS, Joannes, mediæval writer on medicine, XV. 806.
- PLATEAU, Joseph Antoine Ferdinand, Belgian physicist, XIX. 189; on surface-tension, V. 58.
- PLATED WARE, XIX. 189.
- PLATE GLASS, X. 662.
- PLATEN-HALLERMUND, August, count of, German poet, XIX. 189; X. 545.
- PLATEN PRINTING MACHINE, XXIII. 704.
- PLATE-PRINTING, VIII. 439.
- PLATERESQUE ARCHITECTURE, II. 442.
- PLATERSPIL, musical instrument, XXIII. 490.
- PLATE SWIMMING, XXII. 771.
- PLATFORMS, Railway, XX. 235.
- PLATINERITE, mineral, XVI. 387.
- PLATINIRIDIUM, mineral, XVI. 383.
- PLATINOCYANIDES, platinum compounds, XIX. 192.
- PLATINUM, metal, XIX. 189; as chemical element, V. 537; XVI. 383; its use for the blowpipe, III. 837; specific heat of, XX. 132; in iron, XIII. 284; mines of, in Ural Mountains, Russia, XXIV. 5; mirrors made of, XVI. 501; ores of, XVI. 58; wire, XXIV. 615.
- PLATO, Greek philosopher, XIX. 194; his method of analysis, I. 793; in relation to Aristotle, II. 510; on astronomy, II. 747; on the beautiful, I. 215; on communism, VI. 212; economic ideas of, XIX. 349; his ethics, VIII. 579; on evolution, VIII. 756; on the fine arts, IX. 199; his logic, XIV. 785; his metaphysics, XVI. 90; on the Mysteries, XVII. 125; on Socrates, XXII. 232; in relation to Socrates's teaching, XXII. 237; on sophistry, XXII. 266; on transmigration of the soul, XVI. 106; his place in Greek literature, XI. 142; Ast's translations and commentaries on, II. 735; Trendelenburg on, XXIII. 542.
- PLATON, Levshin, Russian archbishop, XIX. 212.
- PLATONISM, or Platonic Philosophy, I. 68; in relation to mysticism, XVII. 130; Philo's affinities with, XVIII. 760; as modified by Speusippus, XXII. 396.
- PLATONISTS, Cambridge, XIX. 211.
- PLATRIÈRE, Roland de la, French Revolutionist, XX. 624.
- PLATT DEUTSCH, or Nieder Deutsch, German idiom, X. 516; XVIII. 785; Reuter's writings in, XX. 494.
- PLATTE, river, Nebraska, U.S.A., XVII. 307.
- PLATTEN-SEE, lake, Hungary, XII. 362.
- PLATTNER, Carl Friedrich, German metallurgist, XIX. 212.
- PLATTSBURGH, town, New York, U.S.A., XIX. 213.
- PLATTSMOUTH, town, Nebraska, U.S.A., XVII. 309.
- PLATYHELMIA, phylum in Lankester's zoological classification, XXIV. 813.
- PLATYHELMINTHES, order of worms, XVII. 326; XIX. 170.
- PLATYPUS, monotreme mammal, XIX. 213; XV. 371, 377.
- PLATYSTERNIDÆ, family of chelonian reptiles, XXIII. 457.
- PLAUEN, town, Saxony, XIX. 215.
- PLAUTIANUS, commander of Roman prætorian guards, XXI. 700.
- PLAUTUS, T. Maccius, Roman dramatist, XIX. 215; VII. 411; XX. 717; language of, XIV. 329, 331.
- PLAUZITE, mineral, XVI. 428.
- PLAY, PLAYS, Dramatic, VII. 391; copy-right in, VI. 360; licensing of, XIX. 711.

- PLAYFAIR, John, Scottish mathematician, XIX. 217; on porisms, XIX. 520.
- PLAYFORD, John, English musician, XVII. 88.
- PLAZA DE ALMANZOR, mountain, Spain, XXII. 294.
- PLEA, in law, XIX. 219.
- PLEADING, in law, XIX. 217.
- PLEASURE, in ethics, VIII. 580; XVIII. 690; psychological analysis of, XX. 40, 67, 71; Aristippus's philosophy of, II. 507; Epicurean theory, VIII. 475; Stoic theory, XXII. 567.
- PLEASURES OF HOPE, by Campbell, IV. 755.
- PLEASURES OF IMAGINATION, by Akenside, I. 435.
- PLEASURES OF MEMORY, Rogers's poem, XX. 621.
- PLEBEIANS, Roman, XVII. 525; XX. 732, 736; in relation to the tribunate, XXIII. 558; law relating to XX. 670.
- PLEBISCITUM, in Roman law, XX. 679.
- PLEBS, or Plebeians (*q.v.*), Roman, XVII. 525.
- PLECOGLOSSUS, genus of fishes, XXI. 221, 224.
- PLECTOGNATHI, order of fishes, XII. 694.
- PECTORRHAMPHUS, genus of birds, XXIV. 824.
- PECTRUDE, wife of Pippin of Heristal, IX. 531.
- PLEDGE, in law, XIX. 220.
- PLEIAD, or Pléiade, coterie of French poets, III. 544; IX. 650; XX. 841; Daurat's place in, VI. 835.
- PLEISTOCENE DEPOSITS, in geology, X. 365.
- PLENIPOTENTIARY, Ministers, envoys, I. 657.
- PLEOCHROISM, in crystals, XVI. 375.
- PLEOMORPHISM, of Schizomycetes, XXI. 404.
- PLEONASTE, mineral, XVI. 386.
- PLEROME, in plant histology, XII. 15.
- PLESCHYEVO, or Pleshtchevo, lake, Russia, XVIII. 524; XXIV. 271.
- PLÉSIDY, France, Menhir at, XXI. 51.
- PLESIOSAURIANS, extinct reptiles, XIX. 220.
- PLESSIS, Marshal du (Duc de Choiseul), V. 681.
- PLETHO, or Gemistus, Georgius, Byzantine scholar, X. 136.
- PLETHYSMOGRAPH, pulse - measurer, XXII. 155.
- PLETTENBERG, mountain, Würtemberg, XXIV. 699.
- , Walther von, grand-master of Livonian Brothers of the Sword, XIV. 724.
- PLEURAL MEMBRANE, XX. 476.
- PLEURENCHYMA, vegetable tissue, IV. 85.
- PLEURISY, or Pleuritis, disease, XIX. 222.
- PLEURONECTES, genus of fishes, XIX. 168.
- PLEURO-PNEUMONIA, cattle disease, XVII. 60.
- PLEVNA, or Pleven, town, Bulgaria, XIX. 224; siege of (1877), IX. 431; XXI. 102; XXIII. 431, 652.
- PLEXIMETER, medical instrument, III. 100.
- PLEXUSES, Nervous, Anatomy of the, I. 868.
- PLEYEL, Ignaz Joseph, Austrian musical composer, XIX. 224.
- PLIABILITY, Coefficient of, VI. 311.
- PLICA POLONICA, disease, XX. 218.
- PLINIUS, or Pliny (*q.v.*), XIX. 224.
- PLINTH, in architecture, II. 470.
- PLINTHITE, mineral, XVI. 425.
- PLINY, The Elder, Roman naturalist, XIX. 224; on birds, XVIII. 3; his economic theories, XIX. 350; on ancient geography, X. 177; on medicine, XV. 803; on plants, IV. 79; his Natural History, VIII. 191; his language and style, XIV. 337; his place in Roman literature, XX. 726.
- , The Younger, Roman consul and writer, XIX. 225; on the early Christians, XIII. 658; his Letters, XX. 726; his relations with Suetonius, XXII. 619; with Tacitus, XXIII. 19; his panegyric of Trajan, XXIII. 504; his language and style, XIV. 337.
- PLINY'S DOVES, Mosaic work of Hadrian's villa, at Tivoli, XVI. 851.
- PLIOCENE ROCKS, in geology, X. 364.
- PLOCK, government and town, Russian Poland, XIX. 227.
- PLOMBGOMME, mineral, XVI. 407.
- PLOMBIÈRES, spa, France, XVI. 436.
- PLÖNER SEE, lake, Schleswig-Holstein, XXI. 414.
- PLONSK, town, Russian Poland, XIX. 227.
- PLOTINUS, Neoplatonist philosopher, XII. 603; XVII. 130, 335; on the beautiful, I. 216; his connexion with Ammonius, I. 743.
- PLOT-MEASURING INSTRUMENT, in surveying, XXII. 720.
- PLOTUS, genus of birds, XXII. 188.
- PLOUGH, agricultural implement, I. 311, 313; ploughing, I. 336.
- PLOUGHMAN'S COMPLAINT, anonymous poem, XIV. 811.
- PLOUGHMAN'S CREDE, anonymous poem, XIV. 285, 811.
- PLOVER, bird, XIX. 227; American, XIV. 76; golden, XIV. 308; Kentish, XIV. 76; long-legged, XXII. 551; distribution of, III. 757; eggs of, XIV. 308.
- PLOVER'S PAGE, bird, XXI. 260.
- PLOWMAN, Piers, by Langland, XIV. 285. See Piers.
- PLOWMAN'S TALE, The, anonymous poem, XIV. 285.
- PLÜCKER, Julius, German mathematician and physicist, XIX. 228; his experiments in magnetic induction, XV. 250.
- PLUG TOBACCO, XXIII. 426.
- PLUM, tree and fruit, XIX. 230; XII. 275.
- PLUMBAGO, mineral, XIX. 230; V. 87.
- PLUMBER-WORK, in building, IV. 502.
- PLUMBOCALCITE, mineral, XVI. 397.
- PLUM-KERNEL OIL, XVII. 744.
- PLUMMER HALL, Salem, Massachusetts, U.S.A., XXI. 211.
- PLUNGING, in swimming, XXII. 770.
- PLUNKET, Lord, Irish lawyer and statesman, XIX. 231.
- PLUSH, cloth, XIX. 232.
- PLUTARCH, Greek writer, XIX. 232; XVII. 334.
- PLUTIA (Piazza Armerina), ancient town, Sicily, XIX. 79.
- PLUTO, Greek god of the dead, XIX. 235.
- PLUTUS, Greek god of riches, XIX. 236. —, of Aristophanes, II. 509.
- PLUVIOGRAPH, Beckley's, XX. 257.
- PLUVIOMETER, or Rain Gauge, XX. 256.
- PLUVIUS, epithet of Jupiter, XIII. 780.
- PLYCTOLOPHUS, genus of birds, XVII. 355.
- PLYMOUTH, town, England, XIX. 236; dockyard, VII. 315, 318; libraries, XIV. 521, 544.
- , town, Massachusetts, U.S.A., XIX. 238; XXIII. 729.
- , town, Pennsylvania, U.S.A., XIX. 238.
- , town, Montserrat, West Indies, XVI. 797.
- BRETHREN, Christian sect, XIX. 238.
- COMPANY, Colonies founded by, XXIII. 729; XV. 615; their settlements in New Hampshire, U.S.A., XVII. 393.
- PNEUMA, Stoic doctrine of, XXII. 564.
- PNEUMATIC DESPATCH, XIX. 239.
- PNEUMATIC INSTITUTION, for cure of diseases, III. 480.
- PNEUMATIC POWER - TRANSMITTER, XV. 753.
- PNEUMATICS, XIX. 240; XII. 439, 445; Papin's inventions in, XVIII. 229.
- PNEUMATIC SCHOOL OF MEDICINE, in Rome, XV. 803.
- PNEUMATIC TUBES, XII. 491.
- PNEUMATOMACHI, early Christian sect, XV. 145.
- PNEUMODERMON, genus of Mollusca, XVI. 667.
- PNEUMOGRAPH, for recording chest movements, XX. 477.
- PNEUMONIA, disease, XIX. 249; XVIII. 395.
- PNEUMONOCHELYMYDA, suborder of Mollusca, XVI. 649.
- P'NOM-PENH, town, Cambodia, IV. 725.
- PNYX, place of assembly at Athens, III. 3.

- PO, river, Italy, XIX. 251; XIII. 435; Swiss basin of, XXII. 776.
- POACEÆ, group of grasses, XI. 58.
- POACHING, Legislation on, X. 62.
- POAVA, or Ipecacuanha, drug, XIII. 210.
- POCAHONTAS, Indian princess, XXII. 175.
- POCHARD, or Pockard, bird, XIX. 252.
- POCKET-HOLES, in mediæval dress, VI. 468.
- POCKNELL, E., his system of shorthand, XXI. 840.
- POCOCK, Edward, English Orientalist, XIX. 252.
- POCOCKE, Richard, bishop of Ossory, Eastern traveller, XIX. 253.
- POCOMOKE, river, Maryland, U.S.A., XV. 603.
- POCONCHIS, people, Central America, XXIV. 760.
- POD, form of fruit, IV. 151.
- PODAGRA, disease, XVIII. 388.
- PODARGUS, genus of birds, X. 712.
- PODAXONIA, or Polyzoa (*q.v.*), XIX. 430; in Lankester's classification, XXIV. 813.
- PODESTA, Italian civic ruler, XIII. 474.
- PODGORITZA, town, Montenegro, XVI. 781.
- PODICA, genus of birds, XX. 223.
- PODICEPS, genus of birds, XI. 79.
- PODIEBRAD, George of, king of Bohemia, XIX. 253.
- PODIUM SANCTÆ MARIE (Le Puy), ancient town, France, XX. 119.
- PODOLIA, government, Russia, XIX. 253.
- PODOLIAN CATTLE, XIII. 451.
- PODOLSK, town, Russia, XIX. 254.
- PODOPHTHALMIA, group of Crustacea, VI. 655.
- PODOPHYLLIN, drug, XIX. 255.
- POE, Edgar Allan, American writer, XIX. 255; I. 725, 732.
- PECILOPHIS, genus of snakes, XXII. 196.
- POERIO, Carlo, Italian statesman, XIX. 256.
- POETICS, of Aristotle, II. 519.
- PETILIAN LAW, Roman, XX. 681, 694.
- POETRY, XIX. 256; as a fine art, IX. 207; of troubadours, XIX. 873; Aristotle's work on, II. 519; Wordsworth's theory of, XXIV. 670.
- POETS, Lives of the, Johnson's work, XIII. 728.
- POGANOVKA, town, Russia, XVII. 504.
- POGGENDORFF, Johann Christian, German physicist, XIX. 273.
- POGGIO (Gian Francesco Poggio Bracciolini), Italian humanist, XIX. 274; I. 784; his Latinity, XIV. 342.
- GAJELLA, Italy, Cemetery at, V. 216.
- POGODINE, Michael Petrovitch, Russian historian, XXI. 108.
- POGROMNA, spa, Eastern Siberia, XXIII. 510.
- POGY, fish, XIX. 275; XVI. 10.
- POINSETTIA, stove plant, XII. 266.
- POINSOT, Louis, French mathematician, XIX. 275; his rolling ellipsoid, xv. 737.
- POINT, Kinematics of a, xv. 679.
- DE GALLE, town, Ceylon, X. 40.
- POINTE À PITRE, town, Guadeloupe, West Indies, XI. 230.
- POINTED ARCHITECTURE, II. 422; churches in, IV. 448.
- POINTE DES GALETS, harbour, Réunion, XX. 493.
- POINTER, dog, VII. 330.
- POINTING, of walls, in building, IV. 464.
- POINT-LACE, XIV. 185.
- POINTS, Railway, XX. 237.
- POIRET, Pierre, mystic, XVII. 135.
- POISCHWITZ, Prussia, Armistice of (1813), XVII. 219.
- POISONED ARROWS, XXII. 608; of Bushmen, IV. 575.
- POISONED WOUNDS, XXII. 681.
- POISONOUS FOOD, xv. 781.
- POISON RINGS, XX. 561.
- POISONS, XIX. 275; diseases from, XVIII. 406; narcotic, treatment of, XVII. 231; ordeal by, XVII. 819; for arrows, XXII. 608; of snakes, XXII. 191.
- POISSON, Jeanne Antoinette, Madame de Pompadour, XIX. 443; IX. 586.
- , Siméon Denis, French mathematician, XIX. 279; his application of analysis to electricity, VIII. 9; on the equilibrium of fluids, V. 58; on light, XXIV. 429; on magnetism, xv. 228, 241, 249.
- POITEVIN, Alphonse, French photographer, XVIII. 831.
- POITIERS, town, France, XIX. 281; population, XXIV. 222; university of, XXIII. 841; battle of (732), IX. 531; battle of (1356), VII. 686; VIII. 318; IX. 546.
- POITOU, old province, France, XIX. 282; mule-breeding in, XVII. 14.
- POIX, Prince de, French noble, XVII. 523.
- POKER, or Pochard, bird, XIX. 252.
- , card game, XIX. 282.
- POKROFF, town, Russia, XXIV. 271.
- POKROVSK, or Pokrovskaya Sloboda, town, Russia, XIX. 284; XXI. 243.
- POKROVSKAYA SLOBODA, town, Russia, XIX. 284; XXI. 243.
- POKROVSKY CATHEDRAL, Moscow, Russia, XVI. 867.
- POL, Wincenty, Polish writer, XIX. 305.
- POLA, island, South Pacific, XVII. 279.
- , town, Austria-Hungary, XIX. 284; observatory at, XVII. 713; battle of (1379), XXIV. 144.
- POLABES, ancient Slavonic tribe, XIV. 347.
- POLABISH LANGUAGE, XXII. 154.
- POLAND, country, Europe, XIX. 285; treatment of, by Catherine II. of Russia, V. 233; union with Lithuania, XIV. 702; its claim to Moldavia, XXI. 18; partitions of, X. 503; XIX. 297, 298; XVII. 485; XX. 11; XXI. 100, 102; Reformation in, XX. 336; its relations with Sweden, XXII. 748; Arianism in, XXIII. 725; coins of, XVII. 658; language, XVIII. 785; XXII. 150; newspapers, XVII. 430; nobility, XVII. 530; periodical literature, XVIII. 543; Presbyterian Church, XIX. 697; Lelewel's History of, XIV. 434.
- , Russian, XIX. 306; XXI. 69.
- POLAR, in geometry, X. 399.
- BEAR, III. 461.
- COORDINATES, X. 414.
- POLARIMETRY, in optics, XXIV. 451.
- POLARIS, Arctic expedition of the, XI. 388.
- POLARISCOPE, Arago's, II. 303.
- , Lantern, xv. 213.
- POLARITY, XIX. 312; magnetic, xv. 227, 266.
- POLARIZATION, of light, XIV. 610; XXIV. 445; of the aurora, III. 93; in crystals, XVI. 373; in electricity, VIII. 14, 86–89, 93; rotatory, XXIV. 451; action of sugar on, XXII. 623; Brewster's discoveries in, IV. 276; by reflexion, Malus's discovery of, xv. 345.
- POLAR REGIONS, XIX. 315; explorations of, X. 190; Franklin's explorations, IX. 721; animals, VII. 269, 274; flora, VII. 287, 289; whale fisheries, XXIV. 527.
- POLE, of the earth, X. 198; of the heavens, II. 764.
- , in magnetism, xv. 220, 235; XVI. 163; different meanings of, xv. 241.
- , Edmund de la, earl of Suffolk, XXIV. 753.
- , Reginald, cardinal, XIX. 330; VIII. 340; XXIV. 753.
- AND POLAR, in geometry, X. 399.
- POLECAT, carnivorous mammal, XIX. 331; xv. 440.
- POLEJNA, genus of sponges, XXII. 414.
- POLEMARCH, Greek magistrate, II. 476.
- POLEMARCHUS, Athenian, brother of Lysias, xv. 117.
- POLEMICS, in history of dogmatic, VII. 339.
- POLEMON, on physiognomy, XIX. 4.
- POLENTA, Italian maize porridge, XVIII. 476.
- POLES, people, Europe, XXII. 145, 147; XIX. 309; in Russia, XXI. 80.
- POLE STAR, Nautical observations by, XVII. 269.
- POLEVOI, Nicholas, Russian historian, XXI. 108.
- , Paul, Russian writer, XXI. 108.
- POLIANI, European people, XIX. 285.

- POLIANTHES, genus of plants, XXIII. 602.
- POLIAS, epithet of Athena, II. 830.
- POLICE, XIX. 332; of London, XIV. 834; of Paris, XVIII. 283.
- POLICHINELLE, French puppet, XX. 106.
- POLICHNE, suburb of Syracuse, Sicily, XXII. 813.
- POLICRATICUS, John of Salisbury's work, XIII. 718.
- POLIGNAC, Jules, Duc de, XIX. 345.
- , Jules, Prince de, XIX. 345; IX. 619.
- , Melchior de, French cardinal, XIX. 344.
- POLIGRAPHIA, Trithemius's work, VI. 669.
- POLINOS, island, Ægean Sea, XV. 841.
- POLISH DRAUGHTS, game, VII. 446.
- POLISH LANGUAGE, XVIII. 785; XXII. 150; dictionaries of, VII. 188.
- POLISH LITERATURE, XIX. 299.
- POLISTES, genus of wasps, XXIV. 392.
- POLITIAN (Angelo Poliziano), Italian scholar and poet, XIX. 345; VI. 418; XIII. 507; XIX. 384, 385; his Latinity, XIV. 342; his Favola di Orfeo, XVIII. 345.
- POLITICAL ECONOMY, XIX. 346; contributions to the science by Bastiat, III. 429; by Bodin, III. 848; by Cairnes, IV. 643; by Condillac, VI. 253; by Hermann, XI. 740; by Cliffe Leslie, XIV. 478; by McCulloch, XV. 134; by James Mill, XVI. 307; by John Stuart Mill, XVI. 312; by Sir Dudley North, XVII. 554; by Ricardo, XX. 534; by Say, XXI. 360; by Senior, XXI. 663; by Adam Smith, XXII. 169; by Turgot, XXIII. 629.
- POLITICAL GOVERNMENT, XI. 10.
- POLITICAL JUSTICE, Godwin's treatise on, X. 717.
- POLITICAL SOCIETY, in Austen's system of law, XIV. 356.
- POLITICS, XVIII. 796; influence of Christianity on, V. 697; in relation to socialism, XXII. 220; Machiavelli's reports on, XV. 148.
- , of Aristotle, II. 518.
- POLITICUS, dialogue of Plato, XIX. 207.
- POLITIQUES, French party, IX. 561.
- POLIZIANO, Angelo (Politian, *q.v.*), Italian scholar and poet, XIX. 345.
- POLK, James Knox, president of the United States, XIX. 401; XXIII. 767.
- POLLACK, fish, XIX. 402; XII. 691.
- POLLAN, fish, XIX. 402; XXI. 223.
- POLLEN, of plants, IV. 138; XX. 424; collection of, by bees, III. 485.
- POLLENTIA, ancient town, Italy, V. 584; battle of (402), XX. 780.
- POLLINO, Monte, mountain, Italy, XIII. 439.
- POLLIO, Caius Asinius, Roman orator, poet, and historian, XIX. 402.
- POLLIO, Trebellius, Augustan historian, III. 74.
- POLLIS, Syracusan king, XXII. 814.
- PÖLLNITZ, Karl Ludwig, Prussian writer, XIX. 403.
- POLLOCK, Sir George, British general, I. 240.
- POLLOK, Robert, Scottish poet, XIX. 403.
- POLLOKSHAWS, town, Scotland, XIX. 403.
- POLLUX, mineral, XVI. 421; XIX. 592.
- , Castor and, in Greek mythology, V. 199.
- , Julius, Greek sophist, XIX. 403.
- POLO, game, XIX. 403; XV. 490.
- , Gaspar Gil, Spanish pastoral poet, XVIII. 346; XXII. 357.
- , José Toribio, Peruvian historian, XVIII. 675.
- , Maffeo, Venetian traveller, XIX. 405.
- , Marco, Venetian mediæval traveller, XIX. 404; X. 178; his visit to China, V. 648; on Prester John, XIX. 717.
- , Nicolo, Venetian traveller, XIX. 405.
- POLOCHIC, river, Guatemala, XI. 239.
- POLONSKI, Russian poet, XXI. 109.
- POLOTSK, Polotesk, or Poltesk, town, Russia, XIX. 409; population, XXIV. 262.
- POLOTZKI, Simeon, Russian writer, XXI. 105.
- POLTAVA, government and town, Russia, XIX. 410; battle of (1709), V. 421; XXI. 97; XXII. 750.
- POLVERINA, Tuscan edict, XV. 790.
- POLVERINI, Jacopo, Tuscan noble, XV. 790.
- POLYÆNUS, author of the Strategies, XIX. 411.
- POLYANDRY, IX. 18; in Tibet, XXIII. 344.
- POLYANTHUS, garden plant, XII. 259; XIX. 737.
- POLYARGYRITE, mineral, XVI. 395.
- POLYARTHRA, genus of Rotifera, XXI. 4.
- POLYBASITE, mineral, XVI. 395; XXII. 69.
- POLYBIUS, Greek historian, XIX. 411; XI. 144; his relations with Livy, XIV. 729; on the travels of Pytheas, XX. 143.
- POLYBUS, Greek writer on anatomy, I. 800.
- POLYCARP, bishop of Smyrna, XIX. 414; II. 197; on the Gospels, X. 815, 822.
- POLYCERA, genus of Mollusca, XVI. 655, 657.
- POLYCHÆTA, order of Annelida, II. 65.
- POLYCHLORITE, colouring matter in saffron, XXI. 146.
- POLYCHRONICON, Higdon's chronicle, XI. 809.
- POLYCHRONIUS, bishop of Apamea, XXIII. 255.
- POLYCLADIDA, tribe of planarian worms, XIX. 171, 174.
- POLYCLETUS, Greek sculptor, XIX. 416; II. 357.
- POLYCLINIDÆ, family of Tunicata, XXIII. 617.
- POLYCONIC DEVELOPMENT, in map-making, X. 209.
- POLYCRASE, mineral, XVI. 427.
- POLYCRATES, Athenian rhetorician, XIX. 417.
- , tyrant of Samos, Greece, XIX. 416; XXI. 249; patron of Anacreon, I. 788; seal of, X. 138.
- POLYDESMUS COMPLANATUS, wheat pest, XXIV. 536.
- POLYDORA, genus of Annelida, II. 71.
- POLYDORUS, Rhodian sculptor, XIV. 293.
- POLYDYMITE, mineral, XVI. 391.
- POLYEMBRYONY, reproductive process in plants, XX. 429.
- POLYESIE, district, Russia, XVI. 478.
- POLYEUCTE, Corneille's play, VI. 420.
- POLYEUCTES, patriarch of Constantinople, XVII. 482.
- POLYGAMY, VI. 244; among the Mormons, XVI. 827.
- POLYGENIST THEORY, of origin of races, II. 114.
- POLYGLOTT, XIX. 417.
- BIBLES, XIX. 417; III. 647; of Antwerp (Plantin's), II. 501; XIX. 177; Complutensian, XIII. 694; Walton's, XXIV. 341.
- DICTIONARIES, VII. 182; Calepino's, IV. 683.
- POLYGNOTUS, Greek painter, XIX. 417; II. 358; XVII. 41.
- POLYGONS, Construction of, X. 381; XX. 141; mensuration of, XVI. 16.
- POLYGONUM, garden perennial, XII. 252.
- POLYGORDIUS, genus of worms, XXIV. 683.
- POLYHALITE, mineral, XVI. 402.
- POLYHEDRA, Mensuration of, XVI. 24.
- POLYHISTOR, Cornelius Alexander, Milesian writer, XIX. 418.
- , Morhof's work, XVI. 824.
- POLYHYDRITE, mineral, XVI. 425.
- POLYHYMNIA, one of the Muses, XVII. 74.
- POLYMIGNITE, mineral, XVI. 427.
- POLYMITARCYS, genus of insects, VIII. 458.
- POLYNESIA, XIX. 418; birds of, III. 741; languages, XVIII. 779; dictionaries of languages, VII. 192; Christian missions in, XVI. 516; mythology, XVII. 149; religions, XX. 364; taboo systems, XXIII. 15; totemism, XXIII. 468.
- POLYOLBION, Drayton's poem, I. 501; VII. 452.
- POLYPE, uses of the term in zoology, XIX. 428.
- POLYPHEMUS, of Greek legend, XVII. 346; XIX. 559.

- POLYPHONY, in music, XVII. 86.
 POLYPLACOPHORA, order of Mollusca, XVI. 641.
 POLYPOMORPHA, division of Hydrozoa, XII. 547.
 POLYPTEROIDEI, suborder of fishes, XII. 687.
 POLYPTERUS, genus of fishes, XIX. 429.
 POLYPUS, tumour, XIX. 429; XVIII. 379.
 POLYSPERCHON, Macedonian general, XIX. 429.
 POLYSPOREA, order of Protozoa, XIX. 855.
 POLYSTOMEÆ, group of trematode worms, XXIII. 539.
 POLYSTYELIDÆ, family of Tunicata, XXIII. 617.
 POLYTELITE, mineral, XVI. 395.
 POLYTHEISM, XX. 368; XXIII. 234; in Brahmanism, IV. 208.
 POLYTYPE, early stereotype process, XXIII. 693, 703.
 POLYXENA, of Greek legend, XIX. 429.
 POLYXENE, platinum ore, XIX. 189, 190.
 — METALS, XIX. 192.
 POLYXENUS, genus of Myriapoda, XVII. 119.
 POLYZOA, division of animal kingdom, XIX. 429; distribution of, VII. 277, 283.
 POMA, his attempt to assassinate Sarpi, XXI. 312.
 POMADE, perfume, XVIII. 526.
 POMARE, queen of Tahiti, XXIII. 24.
 POMARIA (Agadir), Roman town, Algeria, XXIII. 422.
 POMBAL, Marquis de, Portuguese statesman, XIX. 441, 550.
 POME, form of fruit, IV. 152.
 POMEGRANATE, tree and fruit, XIX. 441.
 POMERANIA, province, Prussia, XIX. 442.
 POMERANUS (Johann Bugenhagen), German Reformer, IV. 445.
 POMEROY, town, Ohio, U.S.A., XIX. 443.
 POMETIA, ancient town, Italy, XIV. 344.
 POMFRET (Pontefract), town, England, XIX. 454; XXIV. 748.
 —, John, English poet, XIX. 443.
 POMMELOES, fruit, XXI. 727.
 POMMER, musical instrument, XVII. 706.
 POMONA, Roman goddess, XIX. 443.
 —, island, Orkney, Scotland, XVII. 846.
 POMONY, port, Johanna Island, Africa, VI. 220.
 POMPADOUR, Marquise de, mistress of Louis XV., XIX. 443; IX. 586.
 POMPEII, ancient town, Italy, XIX. 444; XXIV. 196; amphitheatre, I. 776; basilica, III. 412; baths, III. 435; street architecture, II. 420; wall decorations, XVII. 37, 41.
 POMPEIOPOLIS, town, Paphlagonia, XVIII. 228.
 POMPEIUS, Cneius Magnus (Pompey, *q.v.*), Roman triumvir, XIX. 450.
 —, Sextus Magnus (Pompey), Roman leader, XIX. 452.
 POMPEY (Cneius Magnus Pompeius), Roman triumvir, XIX. 450; as consul, XX. 762; his defeat by Cæsar, IV. 638; in Armenia and Parthia, XVIII. 595; his conquest of Palestine, XIII. 424; in Spain, XXII. 306.
 POMPEY'S PILLAR, Egypt, I. 495; VII. 768.
 POMPIGNAN, Lanfranc de, French poet-aster, XXI. 23.
 POMPILUS, fish, XIX. 96.
 POMPONIUS MELA, Latin geographer, XV. 832.
 PONAPÉ, island, Polynesia, XIX. 428.
 PONCAS, American-Indian tribe, XII. 832.
 PONCE, town, Porto Rico, XIX. 522.
 —, Maître, French sculptor, XXI. 563.
 —, Pedro de, teacher of deaf-mutes, VII. 6.
 — DE LEON, Luis, Spanish religious writer, XIV. 455; XXII. 357, 360.
 PONCELET, Jean Victor, French mathematician, XIX. 452; his experiments on water-wheels, XII. 438.
 PONCHO PASS, Rocky Mountains, U.S.A., XXIII. 796.
 POND, John, English astronomer, XIX. 452.
 PONDICHERRI, French settlement, India, XIX. 452.
 POND MUSSEL, mollusc, XVI. 686.
 PONDOLAND, South Africa, XIII. 817.
 PONEROPOLIS (Philippopolis), ancient town, Thrace, XVIII. 753.
 PONEVYEZH, town, Russia, XIX. 452.
 PONIATOWSKI, Polish family, XIX. 453.
 —, Stanislaus Augustus, king of Poland, XIX. 297, 453.
 PONS, Jean Louis, French astronomer, XIX. 453; his comet, VI. 193.
 — ÆLI, at Newcastle, England, XVII. 377, 379.
 PONSARD, François, French dramatist, XIX. 453.
 PONS VAROLII, in the brain, I. 871; XIX. 36.
 PONT, Timothy, on Graham's dyke, II. 140.
 PONTA-DELGADA, town, Azores, III. 171.
 PONTADERA, Andrea da, Italian sculptor, XIX. 122.
 PONTANUS, Jovianus, Italian humanist, XIX. 454.
 PONTCARRÉ, Camus de, French Christian pastoral poet, XVIII. 346.
 PONTCHARTRAIN, Lake, Louisiana, U.S.A., XV. 20; XVII. 402.
 PONT DU GARD, Roman aqueduct at Nîmes, France, II. 220.
 PONTECORVO, town and principality, Italy, XIX. 454.
 PONTEFRACT, town, England, XIX. 454; representation, XXIV. 748; castle, XXIV. 749.
 — CAKE, confection, XIV. 688.
 PONTEVEDRA, province and town, Spain, XIX. 455.
 PONTGIBAUD, lead-mines, France, XX. 120.
 PONTIUS ET SIDOINE, romance, XX. 658.
 PONTIA, island, Italy, XIX. 460.
 PONTIAC, American-Indian chief, XVIII. 504.
 PONTIANAK, district, Borneo, IV. 59.
 PONTIAN ISLANDS, Italy, XIX. 460.
 PONTIFEX, or Pontiff, ancient Roman priest, XIX. 455.
 PONTIFFS, of Roman Church, List of, XIX. 509.
 PONTIFICAL, liturgical service book, XIV. 710.
 PONTINE MARSHES, district, Italy, IV. 751; XIV. 343.
 PONTIUS, Paul, engraver of Rubens's works, VIII. 442.
 — PILATE, Roman procurator of Palestine, XIII. 427.
 PONTODRILUS, genus of worms, XXIV. 678.
 PONTOISE, town, France, XIX. 456; XXI. 625.
 PONTOON, for floating bridge, XIX. 456.
 PONTOPORIA, genus of cetacean mammals, XV. 398.
 PONTOPPIDAN, Erik, Danish writer, XIX. 458; XVII. 590.
 PONTORMO, Jacopo da, Italian painter, XIX. 458.
 PONTUS, country, Asia Minor, XIX. 458; conquest of, by the Romans, XV. 56; under Mithradates, XVI. 529; coins of, XVII. 645.
 — DE TYARD, French writer, XIX. 459.
 PONT-Y-CYSYLLTE, aqueduct in Wales, II. 229.
 PONTYPOOL, town, England, XIX. 460.
 PONTYPRIDD, or Pont-y-tu-Prydd, town, Wales, XIX. 460; bridge at, IV. 333.
 PONY, XII. 191; Highland, I. 385; Shetland, XVII. 848.
 PONZA, island, Italy, XIX. 460; XIII. 440.
 POOAH, or Puya, plant fibre, XX. 506.
 POOL, game, III. 677.
 —, town, Wales, XXIV. 500.
 POOLE, town, England, XIX. 460; VII. 370.
 —, Matthew, English Biblical critic, XIX. 460.

- POOLE, Paul Falconer, English painter, XIX. 461.
- POONA, district, India, XIX. 461; town, XIX. 462.
- POOR CLARES, religious sisterhood, IX. 693, 699; XVI. 711.
- POOREE (Puri), district and town, India, XX. 115.
- POORHOUSES, English, XIX. 468.
- POOR-LAW PARISH, English, XVIII. 296.
- POOR-LAW RELIEF, XIX. 468, 473; Chalmers's objections to, v. 375.
- POOR LAWS, XIX. 462; influence of the poor-law system on wages, XXIV. 311.
- POOR RATES, XIX. 471, 479.
- POOR RICHARD'S ALMANACK, Franklin's, I. 721; IX. 712.
- POPAYAN, town, Colombia, South America, XIX. 481.
- POPE, The, mode of his election, v. 98; VI. 239; rise of temporal power of, XIII. 468; XIX. 494, 495; relations with temporal sovereigns, VI. 241; titles conferred by, XXIII. 418; list of popes, XIX. 509. See also Popedom.
- , fish, XIX. 481.
- , Alexander, English poet, XIX. 481; his epitaphs, VIII. 495; his optimism, XVIII. 687; as pastoral poet, XVIII. 347; as satirist, XXI. 320; his place in English literature, VIII. 426, 427, 428; reaction against his style, XXIV. 378; his relations with Addison, I. 149; with Broome, IV. 372.
- AND BOWLES CONTROVERSY, IV. 179.
- POPEDOM, The, XIX. 487; XX. 628; the States of the Church, XXII. 460; English resistance to, VIII. 333; relations with early Church of England, VIII. 372; in relation to the Jesuits, XIII. 648; in time of Reformation, XX. 323; in mediæval Roman history, XX. 783, 785, 791, 805; relations of, with Spain, XXII. 315; relations of, to Vatican Council, XXIV. 110; conflict with Venice, XXIV. 146. See Pope.
- PEPLICANS, Eastern sect, XVIII. 434.
- POPILIAN WAY, Italy, XX. 555.
- POPINJAY, bird, XVIII. 321.
- POPISH PLOT, of Titus Oates, XVII. 697.
- POPLAR, tree, XIX. 510; culture of, II. 318; of Turkestan, XXIII. 635.
- POPLIN, cloth, XIX. 512.
- POPOCATEPETL, volcano, Mexico, XIX. 512; XVI. 215.
- POPOL VUH, ancient Mexican document, XVI. 208.
- POPOVICH, Yovan, Servian dramatist, XXI. 691.
- POPPÆA SABINA, wife of the emperor Nero, XVII. 349.
- POPPY, plant, XVII. 231; culture of, in Behar, III. 508; in Bengal, III. 568; at Patna, India, XVIII. 409; opium from, XVII. 787.
- HEADS, in architecture, II. 470.
- OIL, XIX. 513; XVII. 744.
- POPULATION, XIX. 513; influence of, on agriculture, I. 307; communistic views of, VI. 215; Malthus's theories, XV. 343; XIX. 371.
- POPULONIA, Etruscan town, Italy, VIII. 636; coins of, XVII. 637.
- POPULUS, genus of trees, XIX. 510.
- , order of society in Rome, XVII. 525.
- POQUELIN, Jean Baptiste (Molière, *q.v.*), French dramatist, XVI. 624.
- PORBEAGLE, fish, XIX. 518; XXI. 776.
- PORCARI, or Porcario, Stefano, Roman conspirator, XVII. 484; XX. 806.
- PORCELAIN, finest pottery, XIX. 600; clay for, XIV. 1; gilding of, X. 594; manufacture of, in China, XIV. 90; Japanese, XIII. 590; of Limoges, XIV. 651.
- EARTH, or Kaolin, XIV. 1; XVI. 424.
- TOWER, at Nanking, China, XVII. 172.
- PORCELLANEA, group of Foraminifera, IX. 376.
- PORCH, in architecture, II. 470.
- PORCHESTER CASTLE, Portsmouth, England, XIX. 535.
- PORCINA, M. Æmilius Lepidus, his Latin style, XIV. 332.
- PORCUPINE, rodent mammal, XIX. 518; XV. 420.
- ANT-EATER, VII. 628; XV. 378.
- MAN, IV. 245.
- PORDENONE, Il (Giovanni Antonio Licinio), Italian painter, XIX. 519.
- PORFIDO VERDE ANTICO, building stone, XIX. 521.
- PORIFERA, in Lankester's classification, XXIV. 812; embryology of, XX. 419.
- PORION EVAPORATOR, used in paper manufacture, XVIII. 226.
- PORISM, in geometry, XIX. 519.
- PORK MEASLES, XXIII. 52.
- PORKOFF, town, Russia, XX. 36.
- PORK TRADE, of Chicago, v. 611; in Cincinnati, v. 784.
- PORO (Poros), island, Greece, XIX. 521.
- PORONAI, river, Saghalin, East Asia, XXI. 147.
- POROS, island, Greece, XIX. 521.
- PORPEZITE, mineral, XVI. 383.
- PORPHYRIO, genus of birds, XVI. 808.
- PORPHYROGENITUS, Constantine VII., emperor of the East, VI. 301; IV. 613; XI. 145.
- PORPHYRY, Neoplatonist philosopher, XVII. 336; his Isagoge, XXI. 419.
- , rock, XIX. 521; X. 233; specimens of, in Venice, XXIV. 149.
- PORPOISE, cetacean mammal, XIX. 521; XV. 398; oil from, XVII. 744.
- PORPORA, Niccola Antonio, Italian musical composer, XIX. 522; XVII. 92.
- PORRETANUS, Gilbertus (Gilbert de la Porrée), scholastic philosopher, X. 592; XXI. 423.
- PORRIDGE, of oatmeal, XVII. 696.
- PORRUAH, ancient town, India, X. 115.
- PORSENA, Lars, Etruscan king, VIII. 635; XX. 735; his tomb, II. 414.
- PORSON, Richard, English scholar, XIX. 522.
- PORTA, Baccio della, Italian painter, III. 194; XX. 275.
- , Giambattista della, Italian scientist, XIX. 625; I. 70.
- PORT ADELAIDE, town, South Australia, I. 151; XXII. 284.
- PORTADOWN, town, Ireland, XIX. 526.
- PORTAL, Antoine, French anatomist, I. 816.
- PORTALIS, Jean Étienne Marie, French jurist, XIX. 526.
- PORTA PRAYA, town, Cape Verd Islands, v. 52.
- PORTARLINGTON, town, Ireland, XX. 171.
- PORT AU PRINCE, town, Hayti, XIX. 526.
- PORT BLAIR, town, Andaman Islands, Indian Ocean, III. 802.
- PORT CLARENCE, town, Fernando Po, West Africa, IX. 100.
- PORTCULLIS, in architecture, II. 470.
- PORT DARWIN, town, Falkland Islands, IX. 14.
- PORT ELIZABETH, town, Cape Colony, South Africa, XIX. 527.
- PORTENTS, in magic, XV. 202.
- PORTER, beverage, IV. 275; adulterations of, I. 172.
- , Anna Maria, English novelist, XIX. 527.
- , David, American naval officer, XXIII. 760.
- , Jane, English novelist, XIX. 527.
- , Sir Robert Ker, English traveller, XIX. 527.
- PORT GLASGOW, town, Scotland, XIX. 527.
- PORT HOPE, town, Ontario, Canada, XIX. 528.
- PORHOUSE, Thomas, inventor of flax-spinning apparatus, XIV. 664.
- PORT HURON, town, Michigan, U.S.A., XIX. 528.
- PORTICI, town, Italy, XIX. 528.
- PORTICO, in architecture, II. 470.
- PORTICUS XII. DEORUM, at Rome, XX. 820.
- PORTICUS OCTAVIÆ, Rome, XX. 827.
- PORT JACKSON, harbour, New South Wales, XXII. 806.
- PORT JERVIS, town, New York, U.S.A., XIX. 528.
- PORTLAND, town, New Brunswick, XVII. 374; XXI. 172.
- , town, Maine, U.S.A., XIX. 528.
- , town, Oregon, U.S.A., XIX. 529.

- PORTLAND, First Earl of, British general, XIX. 530.
 —, Third Duke of, British statesman, XIX. 530; VIII. 363.
 —, Isle of, Dorset, England, XIX. 530.
 — CEMENT, IV. 459; V. 328; VI. 243; quarries of, VII. 371.
 — VASE, The, X. 649; Wedgwood's copy of, XXIV. 476.
 PORTLAW, town, Ireland, XXIV. 401.
 PORT LOKKO, town, Sierra Leone, West Africa, XXII. 45.
 PORT LOUIS, town, France, XV. 4.
 PORT LOUIS, town, Mauritius, XV. 640.
 PORT LYTTTELTON, town, New Zealand, XIX. 530.
 PORT MAHON, town, Minorca, XIX. 531.
 PORT MARLY, village, France, XV. 558.
 PORTMOAK PRIORY, Kinross-shire, Scotland, XIV. 92.
 PORTO ALEGRE, town, Brazil, XIX. 531.
 PORTO BELLO, town, Colombia, South America, XIX. 531; capture of, by Vernon (1739), XXIV. 170.
 PORTOBELLO, town, Scotland, XIX. 531.
 PORTO CALE, district, Portugal, XIX. 539.
 PORTOCARRERO, Cardinal, Spanish politician, XXII. 335.
 PORTO D'ANZIO, village, Italy, II. 138.
 PORTO DOS CAZAES (Porto Alegre), town, Brazil, XIX. 531.
 PORTO EMPEDOCLE, town, Sicily, X. 623.
 PORTO FARINA, town, Tunis, IX. 34.
 PORTO FERRAJO, town, Elba, Italy, VII. 825.
 PORT OF SPAIN, town, Trinidad, West Indies, XXIII. 573.
 PORTO GRANDE, town, Cape Verd Islands, V. 52.
 PORTO MAURIZIO, town, Italy, XIX. 532.
 PORTO NOVO, state, Dahomey, Africa, VI. 764, 766.
 PORTO RICO, island, West Indies, XIX. 532.
 PORTO SANTO, island, Madeira, XV. 181.
 PORTO TORRES, town, Sardinia, XXI. 316.
 PORTPATRICK, town, Scotland, XXIV. 563.
 PORT PHILLIP BAY, Victoria, Australia, XV. 835.
 PORTREE, town, Skye, Scotland, XXII. 127.
 PORT ROYAL, Cistercian abbey, France, XIX. 533; Jansenists of, XIV. 867; writers of, IX. 661; Pascal's connexion with, XVIII. 334.
 PORT ROYAL, town, South Carolina, U.S.A., XXII. 287.
 PORT ROYAL, town, Jamaica, West Indies, XIX. 533.
 PORT ROYAL, town, Martinique, West Indies, IX. 420.
 PORT ROYALISTS, or Jansenists (*q.v.*), XIX. 533.
 PORTRUSH, town, Ireland, Electric tramway at, XXIII. 495.
 PORTS, Law of, XI. 471; in relation to yachts, XXIV. 725.
 PORT SAID, town, Egypt, XIX. 534.
 PORTSEA, part of Portsmouth, England, XIX. 534.
 PORTSMOUTH, town, England, XIX. 534; dockyard, VII. 313, 318; naval college, XVII. 263.
 —, town, New Hampshire, U.S.A., XIX. 535.
 —, town, Ohio, U.S.A., XIX. 535.
 —, town, Virginia, U.S.A., XIX. 535.
 PORTUCALENSIS TERRA, district, Portugal, XIX. 539.
 PORTUGAL, XIX. 536; invasion of, by Napoleon I., XVII. 213; Dom Miguel's pretensions to throne of, XVI. 290; united with Spain, XXII. 329; separated from Spain, XXII. 332; Wellington's campaigns in, XXIV. 495; academy of sciences, I. 73; army, II. 614; birds, XVIII. 17; coins, XVII. 655; colonies, I. 710; VI. 159; first settlement of Brazil by, IV. 228; settlements in Asia, II. 701; in Africa, I. 269, 272; in India, XII. 796; forests, IX. 403; Jews in, XIII. 685; language, XXII. 351; XIV. 341; libraries, XIV. 532, 549; mines, XVI. 469; newspapers, XVII. 431; observatories, XVII. 713; oyster culture, XVIII. 108; periodical literature, XVIII. 543; prison system, XIX. 761; railways, XX. 251; wine industry, XXIV. 607.
 PORTUGALETE, Bolivia, Silver-mines of, IV. 13.
 PORTUGAL LAUREL, tree, XIV. 348.
 PORTUGUESE LANGUAGE, XIX. 555; XIV. 341; XX. 668; XXII. 351; dictionaries of, VII. 186.
 PORTUGUESE LITERATURE, XIX. 555.
 PORTULACA, genus of plants, XX. 116.
 PORTUNUS, Roman divinity, XVII. 345.
 PORTUS ITIUS, town, Gaul, XIII. 517.
 PORTUS MAGONIS, ancient town, Balearic Islands, XIX. 531.
 PORTUS PISANUS (Taganrog), ancient town, Russia, XXIII. 21.
 PORT VENDRES, town, France, XX. 128.
 PORT VICTORIA, Seychelles, Indian Ocean, XXI. 726.
 PORT WINE, XXIV. 607; XVII. 795; adulteration of, I. 173.
 PORUS, Indian king, XIX. 558; XII. 786, 787; XVIII. 586.
 PORYETCHIE, town, Russia, XXII. 183.
 PORZANA, genus of birds, XX. 223.
 POSAUNE, musical instrument, XXIII. 586.
 POSCHIAVO, district, Valtellina, Switzerland, XXIV. 45.
 POSEIDON, Greek god (the Roman Neptune), XIX. 558; XVIII. 468; XXIII. 294; temple of, at Pæstum, XVIII. 133.
 POSEN, province and town, Prussia, XIX. 559.
 POSETS, mountain, Pyrenees, XX. 155.
 POSGAM, town, Turkestan, XXIV. 728.
 POSHEKHONIE, town, Russia, XXIV. 731.
 POSIDONIA, town, Italy, XVIII. 132.
 POSIDONIUS, Stoic philosopher, XIX. 560; XXII. 572; on the circumference of the globe, X. 176; XX. 92; Strabo on, XXII. 582.
 POSILLIPO, Grotto of, Naples, XVII. 188.
 POSITIVE, photographic print, XVIII. 824.
 POSITIVISM, Comte's philosophy, VI. 234; in its economic aspects, XIX. 390; Littré's contributions to, XIV. 706.
 —, Feuerbach's, IX. 123.
 POSONIUM (Pressburg), ancient town, Hungary, XIX. 709.
 POSOSHKOFF, Ivan, Russian political economist, XIX. 388; XXI. 105.
 POSSESSION, in law, XIX. 560; XXIII. 596.
 PÖSSNECK, town, Germany, XXI. 348.
 POSTAGE STAMPS, XIX. 585, 588.
 POSTAL ANNUITIES AND LIFE ASSURANCE, XIX. 574.
 POSTAL NOTES, XIX. 572.
 POSTAL SYSTEM, Rowland Hill's reforms of, XI. 818; ancient Roman (*angaria*), II. 26. See also Post-Office.
 POSTAL TELEGRAPHS, XIX. 574.
 POSTAL UNION, International, XIX. 584.
 POSTHOMERICA, of Quintus Smyrnæus, XX. 188.
 POSTIN, dressed sheepskin of Afghanistan, I. 234.
 POST-OFFICE, XIX. 562.
 — SAVINGS BANKS, XXI. 328.
 POST-TERTIARY DEPOSITS, in geology, X. 365.
 POSTULATES, in mathematics, III. 159.
 POSTULATION, in Roman law, XX. 683.
 POSTUMUS, Gallic king, XXIV. 223.
 POST WORK, in architecture, II. 470.
 POSY RINGS, XX. 561.
 POTALA, palace temple, Lhasa, Tibet, XIV. 500, 502.
 POTAMOCHÆRUS, genus of ungulate mammals, XXII. 774.
 POTAMOGALIDÆ, family of insectivorous mammals, XV. 404.
 POTASH, potassium oxide, XIX. 588; as a flux, XVI. 62; as manure, I. 353; XV. 509; nitrate of, XVII. 518; salts of, XVIII. 92; XXIII. 69.
 POTASSIUM, chemical element, XIX. 588; V. 524; as plant food, XIX. 49.
 — FERROCYANIDE, V. 555.
 POTATO, XIX. 593; XII. 286; introduction of, into England, I. 299; culture of, I. 364; in Ireland, XIII. 269, 270.

- POTATO, Sweet, XIX. 597; XXIV. 727.
 — BEETLE, insect, VI. 134.
 — DISEASE, I. 304, 364; IX. 830; XVIII. 266; XIX. 596.
 — STARCH, XXII. 456.
 POTCHEFSTROOM, town, Transvaal, XXIII. 518.
 POTEMKIN, Gregory Alexandrovich, Russian statesman, XIX. 598.
 POTENGI, river, Brazil, XX. 563.
 POTENTIA (Potenza), ancient town, Italy, XV. 38; XIX. 598.
 POTENTIAL, in electricity, VIII. 25; in electromagnetism, VIII. 67; in magnetism, XV. 228, 231.
 — FUNCTION, Laplace's formula, XIV. 303.
 POTENTILLA, plant, XII. 259.
 POTENTITE, nitro-glycerin explosive, XVII. 521.
 POTENZA, province, Italy, III. 420; town, XV. 38; XIX. 598.
 POTGIETER, Everhard Johannes, Dutch writer, XII. 98.
 —, Hermann, Boer leader, Transvaal, XXIII. 519.
 POTI, town, Transcaucasia, Russia, XIX. 598; XXIII. 514.
 POTIDÆA, town, Macedonia, XV. 138.
 POTIN, base metal, XVII. 630.
 POTOCKI, Wacław, Polish poet, XIX. 302.
 POTOMAC, river, United States, XIX. 599; XV. 603.
 POTOROO, rat-kangaroo, XIII. 840.
 POTOSI, town, Bolivia, XIX. 599; silver-mines of, IV. 13.
 POTSDAM, town, Prussia, XIX. 599; observatory at, XVII. 713.
 POTSTONE, mineral, XVI. 414.
 POTT, Friedrich August, on comparative philology, XVIII. 781.
 —, Johann Heinrich, on alum, I. 643.
 POTTAWATTAMIES, American-Indian tribe, XII. 831.
 POTTER, Cipriani, musician, XVII. 95.
 —, Dirk, Dutch writer, XII. 91.
 —, Humphrey, improver of the steam-engine, XXII. 474.
 —, John, archbishop of Canterbury, XIX. 600.
 —, Paul, Dutch painter, XIX. 600.
 —, Richard, improver of the flute, XXIII. 520.
 POTTERIES, The, Staffordshire, England, XXII. 442.
 POTTER'S STONE, I. 439.
 POTTER'S WHEEL, XIX. 601, 607, 625.
 POTTERY, earthen ware, XIX. 600; gilding of, X. 594; pyrometry applied to, XX. 133; archæological, II. 348, 353, 359, 364; Assyrian, III. 189, 190; Indian, XII. 763; Japanese, XIII. 590; Palissy's, XVIII. 186; Wedgwood's manufacture of, XXIV. 476.
 POTTINGER, Sir Henry, his treaty with China, V. 651.
 POTTO, lemur, XIV. 443.
 POTTSTOWN, town, Pennsylvania, U.S.A., XIX. 643.
 POTTSVILLE, town, Pennsylvania, U.S.A., XIX. 644.
 POTUMAYO, river, South America, VI. 153.
 POUCE, mountain, Mauritius, XV. 639.
 POUGHKEEPSIE, town, New York, U.S.A., XIX. 644; convention at (1788), XI. 413.
 POUQUES, spa, France, XVI. 433.
 POULS, people, Senegambia, West Africa, XXI. 662.
 POULTRY, XIX. 644; IX. 491; breeding and management of, I. 401; parasites of, XVIII. 260.
 POUND, enclosure, XIX. 648.
 —, standard weight, XXIV. 480.
 —, Silver, of twenty solidi, XVII. 653, 655.
 POUNDAGE, tax, IX. 178; XXIII. 443.
 POUNGDE, town, Burmah, XIX. 807.
 POUCHKIN, Alexander, Russian poet, XIX. 648; XXI. 107.
 POUSSIN, Gaspar, French painter, XIX. 650.
 —, Nicolas, French painter, XIX. 649; XXI. 440.
 POUT, fish, XIX. 650.
 POVINDAHS, Afghan traders, I. 234.
 POWAN, fish, XIX. 650; XXI. 223.
 POWDER MILLS, XI. 324.
 POWELL, Mary, wife of Milton, XVI. 329.
 POWER, Locke on the idea of, XIV. 760.
 —, Margaret, countess of Blessington, III. 825.
 — LOOM, XXIV. 465; invention of, V. 166; weaving by, VI. 500.
 — OF ATTORNEY, in law, III. 62.
 POWERS, of numbers, II. 532.
 —, Hiram, American sculptor, XIX. 650; XXI. 570.
 POWHATAN, Indian chief, XXII. 175.
 POWHATTANS, North-American Indians, I. 690.
 POYANG, lake, China, V. 632.
 POYAS, Indian tribe, Honduras, XII. 131.
 POYNING'S LAW, Ireland, XXII. 470.
 POZHARSKI, Prince, Russian leader, XXI. 95.
 POZSONY (Pressburg, *q.v.*), town, Hungary, XIX. 709.
 POZUZU, river, Peru, XVIII. 673.
 POZZO DI BORGO, Carlo Andrea, Corsican politician and Russian diplomatist, XIX. 650; XVII. 193.
 POZZUOLANA, volcanic cement, IV. 459.
 POZZUOLI, town, Italy, XIX. 651; XVII. 188.
 PRA, river, Russia, XXI. 115.
 PRACTICE, in arithmetic, II. 535.
 PRADE, Eugène de, abbot of Darfeld, XXIII. 524.
 PRADES, town, France, XX. 128.
 PRADIER, James, French sculptor, XIX. 651; XXI. 564.
 PRADON, Nicolas, French dramatist, XX. 207.
 PRAED, Winthrop Mackworth, English critic and poet, XIX. 651.
 PRÆFECT, Roman officer, XIX. 652.
 PRÆLECTIONES, of Bishop Lowth, XV. 30.
 PRÆMONSTRATIENSIS, order of monks, XVI. 709; abbey of, I. 20.
 PRÆMUNIENTES CLAUSE, in convocation writ, VI. 325.
 PRÆMUNIRE, in law, XIX. 653; XXIII. 528.
 PRÆNESTE (Palestrina), ancient town, Italy, XIX. 654.
 — CALENDAR, IX. 43.
 PRÆNESTINE LOTS, oracle at Præneste, XIX. 654.
 PRÆPOSITUS, Nicolaus, mediæval writer on medicine, XV. 806.
 PRÆSCRIPTIO, in Roman law, XIX. 704.
 PRÆTEXTA, in Roman drama, VII. 410.
 PRÆTOR, Roman magistrate, XIX. 655, 885; XX. 738, 771.
 PRÆTORIAN CAMP, Rome, XX. 828.
 PRÆTORIANS, Roman emperor's body-guard, XIX. 656.
 PRÆTORIUM, Roman military headquarters, XIX. 656.
 PRÆTORIUS, Michael, German musical composer, XIX. 656.
 PRAG (Prague, *q.v.*), Bohemia, XIX. 657.
 PRAGA, suburb of Warsaw, Poland, XXIV. 376.
 PRAGMATIC SANCTIONS, XIX. 657; III. 127; VI. 241; X. 492, 502; of Bourges, IX. 550; of Charles VI., IX. 585; XXII. 338; of St Louis, IX. 543; XIX. 501.
 PRAGUE, capital of Bohemia, XIX. 657; Four Articles of (1420), XII. 407; peace of (1866), III. 140; IX. 625; X. 511; libraries, XIV. 547; observatory, XVII. 713; university, XXIII. 839, 841, 846.
 PRAGUERIE, league, France, IX. 550; XV. 18.
 PRAHRAN, suburb of Melbourne, Victoria, Australia, XIX. 659; XV. 836.
 PRAIRIE DOG, XV. 560.
 PRAIRIE-LARK, bird, XIX. 112.
 PRAIRIES, of North America, XXIII. 810.
 PRAJAPATI, Brahman divinity, IV. 206.
 PRAKRIT, Sanskrit dialects of India, XIX. 659; XI. 841; XXI. 269, 285; dictionaries of, VII. 191.
 PRAM, Christen Hendriksen, Scandinavian poet, XIX. 659.
 PRAPRI, town, Siam, XXI. 853.
 PRASE, mineral, XVI. 389.
 PRASCOLITE, mineral, XVI. 418.
 PRASIAS, lake, Macedonia, XV. 137.
 PRASLIN, island, Seychelles, Indian Ocean, XXI. 725.
 PRATABGARH (Partabgarh), district, India, XVIII. 328.

- PRATENSIS, Jodocus (Josquin Depress), Flemish musical composer, VII. 101; XVII. 83; XVIII. 180.
- PRATER, park, Vienna, XXIV. 221.
- PRATINCOLA, genus of birds, XIX. 659; XXIV. 537.
- PRATINCOLE, bird, XIX. 659.
- PRATO, town, Italy, XIX. 660; pictures in, XXI. 447.
- PRATT, Charles, Earl Camden, IV. 735.
- PRAWN, crustacean, VI. 645, 657; XXI. 847; fisheries, IX. 265.
- PRAXAGORAS of Cos, anatomist, I. 801.
- PRAXITELES, Greek sculptor, XIX. 660; II. 360; XVIII. 853.
- PRAYER, XIV. 695; in relation to vows, XXIV. 300; Stoic theory of, XXII. 569. — BOOK, of English Church, VIII. 338, 340; XIV. 710; revision of, VI. 328. — BOOKS, Jewish, XV. 292.
- PRAYER-THONGS, or Phylacteries, XIX. 1.
- PRAYING MANTIS, insect, XV. 503.
- PREACHING, Homiletic, XII. 125. — FRIARS, or Mendicant Friars, Convents of, I. 21.
- PREANGER, residency, Java, XIII. 606.
- PREBENDARY, ecclesiastical officer, V. 228.
- PRECEDENCE, of rank or place, XIX. 660.
- PRECEPTORY, in architecture, II. 471.
- PRECESSION, in tides, XXIII. 361. — OF THE EQUINOXES, II. 750, 762, 794.
- PRÉCIEUSES, Paris literary coterie, XX. 264. — RIDICULES, Molière's play, XVI. 627.
- PRECIOUS METALS, XVI. 724; falsification of, I. 176; their relation to value, XXIV. 51. See also Gold and Silver.
- PRECISION BALANCE, III. 263.
- PREDESTINATION, in theology, XIX. 668; St Paul's doctrine of, XVIII. 427; Suarez on, XXII. 616.
- PREDICTIONS, Astrological, II. 742.
- PRE-EMPTION, in law, XXI. 209.
- PREFECT, or Præfect, Roman officer, XIX. 652.
- PREGNANCY, in medical jurisprudence, XV. 779; concealment of, XIII. 4; subjective impressions during, XVI. 765.
- PREHISTORIC MAN, II. 341.
- PREHNITE, mineral, XVI. 424.
- PRELLER, Friedrich, German painter, XIX. 671. —, Ludwig, German writer, on classical mythology, XIX. 671.
- PRELUDE, The, Wordsworth's poem, XXIV. 668.
- PREMIER, or Prime Minister, British, XVI. 472; list of British premiers, VIII. 368.
- PREMISSSES, in logic, XIV. 788.
- PREMIUM, Fire insurance, XIII. 162, 165; life assurance, XIII. 172, 179.
- PREMONSTRATENSIAN CANONS, I. 20; XVI. 709.
- PREMYSL, founder of Bohemian dynasty, III. 860.
- PREÑADILLA, fish, XXII. 68.
- PRENZLAU, town, Prussia, XIX. 672.
- PREPOSITIONS, in grammar, XI. 41.
- PRERADOVIC, Peter, Servian poet, XXI. 691.
- PRE-RAPHAELITISM, in poetry and art, XX. 857; XXI. 442.
- PRERAU, town, Moravia, XIX. 672.
- PREROGATIVE, in law, XIX. 672.
- PRESBURG, or Pressburg (*q.v.*), town, Hungary, XIX. 709.
- PRESBYOPIA, defect of the eye, XVII. 785; spectacles for, XXII. 373.
- PRESBYTER, church officer, XIX. 674, 724; VIII. 484. —, Anonymus, early Servian writer, XXI. 689.
- PRESBYTERIAN CHURCHES, Service in, XIV. 711.
- PRESBYTERIANISM, XIX. 676; its establishment in Scotland, XXI. 503, 508, 518; Milton's relations to, XVI. 330.
- PRESBYTERIAN ORGANIZATION, in apostolic times, V. 700.
- PRESBYTERY, in architecture, II. 471.
- PRESCOT, town, England, XIX. 702.
- PRESCOTT, William Hickling, American historian, XIX. 702; I. 723.
- PRESCRIPTION, in law, XIX. 704; XIV. 650.
- PRESENT, Psychological presentation of the, XX. 64.
- PRESENTATION, in psychology, XX. 41. —, to a benefice, XX. 158. — OF B. V. MARY, Festival of, XV. 592.
- PRESERN, Francis, Slovenian poet, XXII. 150.
- PRESERVED FOOD, XIX. 707.
- PRESERVES, eye protectors, XXII. 372. —, of fruit, XIII. 564.
- PRESIDENT, United States, Office of, XXIII. 750; veto of, XXIII. 749; XXIV. 207; list of presidents, XXIII. 787.
- PRESIDENT OF THE COUNCIL, England, XXII. 458.
- PRESOVA (Eperies), town, Hungary, VIII. 457.
- PRESQUE ISLE, Lake Erie, North America, XXIII. 734.
- PRESS, Liberty of the, in England (1695), VIII. 352; Milton on the, XVI. 330. See Press Laws. —, Newspaper, XVII. 412. — ASSOCIATION, London, XVII. 413.
- PRESSBURG, town, Hungary, XIX. 709; libraries, XIV. 547; treaty of (1805), III. 133; IX. 615; XVII. 210.
- PRESSE, La, Paris newspaper, XVII. 426.
- PRESSER, Land, agricultural implement, I. 319.
- PRESSHEFE, German yeast, XXIV. 734.
- PRESS LAWS, XIX. 710; XVII. 416.
- PRESS MACHINES, Printing, XXIII. 704.
- PRESSURE, Physical theory of action of, XIX. 2. — GAUGE, XV. 494.
- PREST, Godfred, English sculptor, XXI. 559.
- PRESTE-LES-BAINS, spa, France, XX. 128.
- PRESTER JOHN, of mediæval writers, XIX. 714; I. 65; XVI. 745.
- PRESTIDIGITATION, or Sleight of Hand, XIV. 414; XV. 207.
- PRESTON, town, England, XIX. 718.
- PRESTONPANS, Scotland, Battle of (1745), V. 426; VIII. 355; XXI. 526.
- PRESTWICH, town, England, XIX. 719.
- PRETENDER (Charles Edward Stuart), V. 426; VIII. 355; XXI. 520; XXII. 610. — (James Stuart), XIII. 560; XXI. 520; XXII. 610.
- PRETORIA, town, Transvaal, XXIII. 518.
- PRETORIUS, Andries, Boer chief, South Africa, XXIII. 519.
- PRETYMAN, George, tutor of Pitt, XIX. 135.
- PREVESA, town, Turkey in Europe, XIX. 719.
- PRÉVOST, Hippolyte, French stenographer, XXI. 841. —, Pierre, Swiss scientist, XIX. 719; on radiation of heat, XX. 213, 214. — D'EXILLES, Antoine François, French novelist, XIX. 719.
- PRÉVOST-PARADOL, Lucien Anatole, French writer, XIX. 720.
- PRIAM, of Greek legend, XXIII. 578, 583.
- PRIAPUS, of Greek mythology, XIX. 720; XIV. 250.
- PRIBRAM, town, Bohemia, XIX. 720.
- PRICE, in economics, XXIV. 46; law relating to, XXI. 205; theories of, XIX. 356; quotations of, or price lists, XXII. 465. —, J. E., on ancient London, XIV. 841. —, Richard, English philosopher, XIX. 721; his system of morals, VIII. 603.
- PRICHARD, James Cowles, English ethnologist, XIX. 722; on the natural history of man, II. 107, 109.
- PRICKLY PEAR, IV. 626.
- PRIDE, fish, XIV. 249. —, Thomas, Parliamentary officer, XIX. 723. — AND PREJUDICE, Jane Austen's novel, III. 101.
- PRIDEAUX, Humphrey, English theologian, XIX. 723.
- PRIDE OF INDIA, tree, XVIII. 519.
- PRIDE'S PURGE, in English history, VIII. 347; XIX. 723.
- PRIESSNITZ, Vincenz, hydropathist, III. 438; XII. 542.

- PRIEST, XIX. 724; in Israel, III. 634; XIII. 419; XIV. 488; XVIII. 510; in orders of Roman Catholic Church, XVIII. 820; in Greek Church, XI. 159. See also XXI. 132.
- , High, Jewish, XVIII. 510; XIV. 488; XXII. 812.
- PRIESTLEY, Joseph, English scientist and theologian, XIX. 730; XXIII. 726; his chemical discoveries, v. 462; his place in English literature, VIII. 432; his unpopularity in Birmingham, III. 786.
- PRIESTLY CODE, of the Pentateuch, XVIII. 506, 510.
- PRIEST'S TITHES, XXIII. 411.
- PRIEUR, Barthélemy, French sculptor, XXI. 563.
- PRIGNANI, Bartolommeo (Pope Urban VI.), XXIV. 8.
- PRIGOROD, dependent municipality, Russia, XX. 36.
- PRILUKI, town, Russia, XIX. 410.
- PRIM, Juan, Spanish statesman, XIX. 732; XXII. 346.
- PRIMARY ROCKS, in geology, x. 328.
- PRIMATE, in ecclesiastical hierarchy, XIX. 733.
- PRIMATES, order of Mammalia, II. 108; XV. 444.
- PRIME, card game, XIX. 282.
- MINISTER, British, IV. 619; XVI. 473.
- MOVERS, in mechanics, XV. 772.
- PRIMES, or Prime Numbers, Tables of, XXIII. 7.
- PRIMITIVE MARRIAGE, J.F.M'Lennan's work on, XV. 162.
- PRIMITIVE METHODISM, XVI. 192.
- PRIMOGENITURE, XIX. 733; in Roman law, XX. 673.
- PRIMROSE, plant (genus *Primula*), XIX. 737; XII. 252, 259, 264.
- PRINCE, title, XIX. 738; XXIII. 418.
- CHARLES'S FORELAND, Spitzbergen, XXII. 408.
- EDWARD ISLAND, province of Canada, XIX. 739.
- OF WALES, title, XIX. 739.
- OF WALES ISLAND, or Penang, Malay Peninsula, XIX. 741; XXII. 587.
- OF WALES ISLAND, York Peninsula, Australia, XIX. 741.
- OF WALES LAND, North America, XIX. 742.
- PRINCES ISLANDS, Sea of Marmora, XIX. 742.
- PRINCESS, title, XIX. 738.
- PRINCETON, town, New Jersey, U.S.A., XIX. 742; college, XXIII. 857; XVIII. 397; XIX. 697; XXIV. 732; libraries, XIV. 551; observatory, XVII. 715.
- PRINCETOWN, town, Prince Edward Island, XIX. 740.
- PRINCIPAL AND AGENT, Law of, I. 280.
- PRINCIPATE, the Roman, XX. 769.
- PRINCIPE, Il, Machiavelli's treatise, XV. 149.
- PRINCIPIA, Sir Isaac Newton's treatise, XVII. 444.
- PHILOSOPHIE, Descartes's work, VII. 120.
- PRINGLE, Sir John, Scottish physician, XIX. 742; XV. 815.
- PRINKIPO, island, Sea of Marmora, XIX. 742.
- PRINSEP, James, on Indian inscriptions, XIII. 118.
- PRINSEP'S ALLOYS, Fusing point of, XX. 132.
- PRINSTERER, Wilhelm Groen van, Dutch statesman and historian, XI. 206.
- PRINTING, XXIII. 681, 697; invention of, in China, v. 662; Fust's connexion with invention of, in Europe, IX. 853; Gutenberg's, XI. 336; influence of its invention on English literature, VIII. 413; of the Aldine press, XV. 512; for the blind, III. 827; by the Estienne family, XXII. 534; lithographic, XIV. 700; monopoly of, XIX. 711; photographic, XVIII. 830; introduced into Russia, XXI. 104; early specimens of, III. 652; Milton on the liberty of, XVI. 330.
- , Calico, IV. 684.
- OFFICE, Departments of a, XXIII. 710.
- PAPER, Sizes of, XVIII. 226.
- PRINTS, Cleaning of, III. 821.
- PRIODON, genus of edentate mammals, XV. 387.
- PRIONOTELUS, genus of birds, XXIII. 584.
- PRIOR, Matthew, English poet, XIX. 743.
- PRIORY, monastery, I. 10.
- PRISCA, Montanist prophetess, XVI. 775.
- PRISCIAN, Latin grammarian, XIX. 743.
- PRISCILLIAN, Spanish heretic, XIX. 746.
- PRISCILLIANISTS, Spanish heretical sect, XIX. 746; Martin of Tours's entreaties for them, XV. 582.
- PRISDRA, or Prisdren (Prisrend), town, Roumelia, Turkey, XIX. 764.
- PRISHTINA, town, European Turkey, XIX. 746.
- PRISM, its action in relation to light, XIV. 591, 612; XVII. 800; XXIV. 427, 436; use of, for lighthouses, XIV. 619, 622; measurement of, x. 387; XVI. 22; for spectacles, XXII. 372; use of, in spectroscopy, XXII. 373; crystalline, XVI. 347, 358, 360, 361; polarizing, invented by Nicol, XVII. 489.
- PRISMATIC GUNPOWDER, XI. 329.
- PRISMATIC SYSTEM, of crystals, XVI. 359.
- PRISMATOID, Mensuration of, XVI. 23.
- PRISON DISCIPLINE, XIX. 747; diet in, VII. 211; reformatory schools, XX. 338.
- PRISON REFORM, Flidner's labours for, IX. 307; Mrs Fry's, IX. 805; Howard's, XII. 320.
- PRISONS, XIX. 747; military, II. 587.
- PRISREND, town, Roumelia, Turkey, XIX. 764; I. 448.
- PRISTINA, or Prishtina, town, European Turkey, XIX. 746.
- PRISTIS, genus of fishes, XX. 299.
- PRISTIURUS, genus of sharks, XXI. 775.
- PRITCHARD, Charles, his method of stellar photometry, XVIII. 841.
- PRITHWI-NARAYANA, king of Nepal, XVII. 344.
- PRITHWIRAJ, Hindu king, XI. 843.
- PRITTER, town, Wollin, Prussia, XXIV. 633.
- PRIVAS, town, France, II. 479.
- PRIVATEER, PRIVATEERING, XIX. 764; IV. 409; XIII. 194.
- PRIVET, shrub, XIX. 764; XIV. 640.
- PRIVILEGE, in law, XIX. 764; in libel cases, XIV. 506.
- PRIVY COUNCIL, British, XIX. 765; judicial committee of, II. 209; precedence of, XIX. 662; Temple's reform of, XXIII. 172.
- PRIVY COUNCILLOR, Title of, XXIII. 418.
- PRIVY-SEAL, Keeper of, England, XXII. 458.
- PRIZE, of war, XIX. 766.
- COURT, XIX. 767.
- MONEY, XIX. 767; distribution of, in British navy, XVII. 298.
- PROBABILISM, in casuistry, v. 204; XIV. 636.
- PROBABILITY, Mathematical theory of, XIX. 768; I. 560; Laplace's theory of, XIV. 304.
- PROBATE, of a will, XXIV. 572.
- PROBLEM, Geometrical, defined, XIX. 519.
- OF THREE BODIES, in astronomy, II. 759.
- PROBLEMS, Indeterminate, in algebra, I. 554.
- PROBOLINGO, town, Java, XIII. 606.
- PROBOSCIDEA, suborder of mammals, XV. 423.
- PROBUS of Antioch, Syriac writer, XXII. 831.
- , Marcus Aurelius, Roman emperor, XIX. 789.
- , Valerius, Roman grammarian, XVIII. 662.
- PROCAMBium, in plant development, XII. 15.
- PROCEDURE, Judicial, Rules of, XIV. 358; in Roman law, XX. 707, 711.
- PROCEEDINGS OF THE ROYAL SOCIETY, of London, XXI. 39.
- PROCESS, in law, XIX. 789.
- BLOCKS, for printing, XXIII. 704.
- PROCESSIONS, Religious, XIV. 695.
- PROCIDA, island, Italy, XIX. 789; XIII. 440; XVII. 188.
- , John of, Sicilian liberator, v. 423.
- PROCLA, or Procula, Claudia, wife of Pilate, XIX. 89.

- PROCLUS, bishop of Cyzicus, his relations to Nestorianism, XVII. 353.
 —, Neoplatonist philosopher, XVII. 338; on porisms, XIX. 519.
 PROCNE, Myth of, XVII. 499.
 PROCONSUL, Roman magistrate, VI. 315; XIX. 655, 885; XX. 746.
 PROCONSULARE IMPERIUM, Roman, XX. 769.
 PROCOPIUS, Roman historian, XIX. 789; his attacks on the empress Theodora, XXIII. 253.
 —, Andreas, Hussite leader, XIX. 792.
 PROCOPOVICH, Feofane, Russian educationist, XXI. 105.
 PROCRUSTES, of Greek legend, XIX. 559; XXIII. 294.
 PROCTER, Adelaide Anne, English poetess, XIX. 792.
 —, Bryan Waller, English poet, XIX. 792.
 PROCTOR, meanings of the term, XIX. 792; university officer, XXIII. 835.
 PROCULIANS, Roman jurists, XIV. 164.
 PROCURATOR-FISCAL, Scottish law officer, XIX. 792.
 PROCVON, genus of carnivorous mammals, XV. 441; XX. 202.
 PRODICUS of Ceos, Greek philosopher, XIX. 792; XXII. 264.
 PRODIGES, VII. 293; XV. 201.
 PRODOTISCUS, genus of birds, XII. 140.
 PRODROMUS, Theodorus, Greek writer, XI. 145, 148.
 PRODUCTIDÆ, family of Brachiopoda, IV. 195.
 PRODUCTION, Cost of, in economics, XXIV. 48.
 PROEDRIA, at Olympia, Greece, XVII. 769.
 PROFANE SWEARING, XVII. 701.
 PROFIT, in economics, XXIV. 49; taxes on, XXIII. 87; Adam Smith's views of, XIX. 367.
 — AND LOSS, Calculation of, II. 536.
 PROGNOSIS, in medicine, XV. 800.
 PROGNOSTICATIONS, in almanacs, I. 591; meteorological, XVI. 158.
 PROGRESO, town, Yucatan, Central America, XXIV. 758.
 PROGRESSION, in algebra, I. 536.
 PROGRESS OF THE SOUL, Donne's work, VII. 364.
 PROHIBITION, in law, XIX. 793.
 — LIQUOR LAWS, XI. 20; XIV. 688.
 PROJECTILES, laws of their flight, XXII. 47; motion of, XI. 68; path of, XV. 683, 707; stability of rotation of, XII. 457; velocity of, XI. 301.
 PROJECTION, in mathematics, XIX. 793; X. 388.
 — OF THE SPHERE, on maps, X. 201; Mercator's, XV. 520.
 PROJECTIONS, Parallel, of figures, XV. 751.
 PROLOGUES, Dramatic, VII. 392.
 PROME, district, Burmah, XIX. 806; town, XIX. 807.
 PROMEROPS, genus of birds, XX. 553; XXII. 652.
 PROMESSI SPOSI, Manzoni's novel, XIII. 515.
 PROMETHEUS, of Greek mythology, XIX. 807; XXIV. 782.
 —, Æschylus's drama, I. 209.
 — UNBOUND, by Shelley, XXI. 793.
 PROMISE OF MARRIAGE, XV. 566; breach of, XXIV. 643.
 PROMORPHOLOGY, branch of morphology, XVI. 843.
 PRONAOS, in architecture, II. 471.
 PRONGBUCK, antelope, II. 102.
 PRONSK, town, Russia, XXI. 116.
 PRONUNCIATION, XVIII. 782, 787; XXII. 381.
 PRONY, Gaspard Clair François Riche de, French engineer, XIX. 808; on the velocity of running water, XII. 437.
 PRONYA, river, Russia, XXI. 115.
 PROOF, in logic, XIV. 790.
 —, Burden of, in law, VIII. 742.
 PROOFS, Printer's, Correcting of, XXIII. 701.
 PROPAGANDA, commission of Catholic missions, XIX. 809.
 PROPAGATION, of a wave, XXIV. 424.
 PROPANE, paraffin, XVIII. 238, 239.
 PROPELLER, Screw, of ship, XXI. 823.
 PROPENSITIES, in phrenology, XVIII. 844.
 PROPERTIUS, Sextus, Roman poet, XIX. 811; XX. 723; his language and style, XIV. 335.
 PROPERTY, Real and Personal, XVIII. 664; in land, XIV. 259; communist views of, VI. 211; law of, in relation to domicile, VII. 352; law of inheritance of, XIII. 77; in relation to intestacy, XIII. 198; rights of, in Roman law, XX. 673, 689, 713; socialist views of, XXII. 207.
 PROPHECY, Newton's works on, XVII. 448; astrological, II. 742.
 PROPHET, PROPHETS, XIX. 814, 674; of Israel, III. 634, 639; XIII. 407, 417.
 PROPHÈTE, Le, Meyerbeer's opera, XVI. 222.
 PROPITHECUS, genus of lemurs, XIV. 441.
 PROPORTION, in algebra, I. 536; in arithmetic, II. 535; in geometry, X. 382; statistical, XXII. 465; Pythagorean theory of, XX. 142.
 PROPOSITIONS, in logic, XIV. 788.
 PROPRAËTOR, Roman officer, XIX. 655, 885.
 PROPYLÆA, in architecture, II. 471; XVIII. 530; of Athens, III. 6; Egyptian, II. 388; Greek, II. 411.
 PROPYLITE, rock, X. 235.
 PROROGATION OF PARLIAMENT, VIII. 336; XVIII. 310.
 PROSE, in relation to poetry, XIX. 261.
 PROSELYTE, Jewish, XIX. 823.
 PROSENCHYMA, tissue in plants, XII. 14.
 PROSERPINE, of Greek mythology, XIX. 824; XXIII. 296; mysteries of, VIII. 126.
 PROSGENITE, mineral, XVI. 399.
 PROSKUROFF, town, Russia, XIX. 824, 254.
 PROSLOGION, of Anselm, II. 92.
 PROSODY, Sanskrit, XXI. 293.
 PROSOPITE, mineral, XVI. 384.
 PROSPECTING, in mining, XVI. 442.
 PROSPER of Aquitaine, early Christian writer, XIX. 824.
 PROSSNITZ, town, Austria, XIX. 825.
 PROSTHAPHÆRESIS, method of calculation, XVII. 182.
 PROSTITUTES, Police duties in relation to, XIX. 335.
 PROTAGON, constituent of nerve tissue, V. 579.
 PROTAGORAS of Abdera, Greek sophist, XIX. 825; XXII. 264; on scepticism, XXI. 379.
 —, dialogue of Plato, XIX. 196.
 PROTAXONIA, morphological term, XVI. 844.
 PROTECTION, of trade, IX. 753; in United States, XXIII. 754, 761, 776.
 PROTECTIVE DUTIES, on commerce, IX. 753.
 PROTECTORATE, in English history, VIII. 348.
 PROTEIDS, albumenoid substances, V. 579; XVII. 674, 676; vegetable, XIX. 54.
 PROTELES, genus of carnivorous mammals, XV. 437.
 PROTEOMYXA, class of Protozoa, XIX. 839.
 PROTESTANT CHURCHES, in Europe, VIII. 712.
 PROTESTANTENVEREIN, German association, XIX. 825; X. 500; XXI. 1.
 PROTESTANT EPISCOPAL CHURCH, of America, VIII. 493; XXIII. 829; liturgy of, XIV. 711.
 PROTESTANTISM, XX. 319; historical continuity of, XXIV. 322; economic effects of, XIX. 353; relation of, to council of Trent, XXIII. 544.
 PROTESTANTS, XIX. 826; origin of name, XV. 80.
 PROTESTANT SOCIALISM, XXII. 215.
 PROTESTANT UNION, of Germany, XIX. 825; X. 500; XXI. 1.
 PROTESTERS, of the Scottish Church, XIX. 683; XXI. 514.
 PROTEUS, of Greek mythology, XIX. 827.
 —, Cabinet of, Tobin and Pepper's spectral illusion, XV. 207.
 — ANGINUS, species of Amphibia, XIX. 827.
 PROTHALLIUM, in plant reproduction, XX. 430.

- PROTISTA, group of plant-animal forms, I. 843; XIX. 832.
- PROTODRILUS, genus of worms, XXIV. 684.
- PROTOGENES, Greek painter, XIX. 827. —, genus of Protozoa, XIX. 839.
- PROTONEMA, germinating organ in mosses, XVII. 72.
- PROTOPHYTA, class of plants, III. 693; XIX. 832.
- PROTOPLASM, fundamental form of living matter, XIX. 828, 12, 21, 43; I. 843; III. 679; VIII. 163; XII. 4, 10; XVI. 841; XX. 415; XXIV. 816; of sponges, XXII. 420; in plants, IV. 84.
- PROTOPTERUS, genus of fishes, XIV. 468.
- PROTOTHERIA, subclass of Mammalia, XV. 371, 377.
- PROTOZOA, lowest grade of the animal kingdom, XIX. 830; II. 50; embryology of, XX. 418; generation of, VIII. 169; skeletal conditions of, XXII. 106; parasitic forms, XVIII. 258; in Lankester's classification, XXIV. 812.
- PROTRACHEATA, group of Myriapoda, XVII. 116.
- PROTRACTOR, surveying instrument, XXII. 721.
- PROUD FLESH, XVIII. 363.
- PROUDHON, Pierre Joseph, French socialistic writer, XIX. 866; XXII. 216.
- PROUST, Louis Joseph, French chemist, V. 464.
- PROUSTITE, mineral, XVI. 395.
- PROUT, Father (Francis Mahony), Irish song-writer and humanist, XV. 288. —, Samuel, English painter, XIX. 867; as lithographic artist, XIV. 701.
- PROVENÇAL LANGUAGE, XIX. 867; XIV. 340; relation of, to Catalan, XXII. 347; to French, IX. 631; dictionaries of, VII. 185.
- PROVENÇAL LITERATURE, XIX. 872; IX. 646; Italian writers of, XIII. 499; its influence in Portugal, XIX. 555.
- PROVENCE, old province of France, XIX. 877.
- PROVERBS, Book of, in Scripture, XIX. 879; III. 639.
- PROVIDENCE, town, Rhode Island, U.S.A., XIX. 883; XX. 524; founding of, by Roger Williams, XXIV. 587; libraries, XIV. 551.
- PROVINCE, Roman, XIX. 884.
- PROVINCETOWN HARBOUR, Massachusetts, U.S.A., XV. 612.
- PROVINCE WELLESLEY, Straits Settlements, Asia, XXII. 586.
- PROVINCIAL LETTERS, Pascal's, XVIII. 335.
- PROVINS, town, France, XIX. 886.
- PROVISIONS OF OXFORD (1258), XVI. 788.
- PROVO, town, Utah, U.S.A., XXIV. 20.
- PROVOCATION, in relation to homicide, XVII. 53.
- PROVOKED WIFE, Vanbrugh's play, XXIV. 55.
- PROXY, in law, XIX. 792.
- PRUDENTIUS, Aurelius Clemens, Spanish Christian poet, XX. 1; as hymn-writer, XII. 582.
- PRUD'HOMMES, Conseils de, France, XIV. 173; XVIII. 286.
- PRUD'HON, Pierre, French painter, XX. 1.
- PRUNE, fruit, XIX. 230.
- PRUNING, of plants, XII. 214, 241.
- PRUNUS, genus of trees, XIV. 348; XVIII. 442; XIX. 230.
- PRURITUS, skin disease, XXII. 123.
- PRUSA (Broussa), ancient town, Asia Minor, IV. 383.
- PRUSSIA, kingdom, Europe, XX. 1; dispute with Austria (1848-50), X. 508; war with Austria (1866), III. 140; IX. 625; Christianization of, X. 491; war with France (1870), IX. 626; as leader of Germany, X. 505; relations with Napoleon (1805), XVII. 209; Napoleon's war with (1813), IX. 617; share in partition of Poland, XIX. 298; under Stein's ministry, XXII. 530; under William I., XXIV. 582; Teutonic Order of Knights in, XXIII. 201; army, II. 595; chronology of, XX. 13; newspapers, XVII. 429; prison system, XIX. 760. —, Duchy of, Germany, XX. 5, 19. —, East, province of Prussia, XX. 19. —, Rhenish, province of Prussia, XX. 20. —, West, province of Prussia, XX. 20.
- PRUSSIAN BLUE, VII. 577; XIX. 87; XX. 24.
- PRUSSIAN LANGUAGE (Celtic), Dictionaries of, VII. 188.
- PRUSSIANS, race of people, Europe, XX. 5; in Lithuania, XIV. 702.
- PRUSSIAN POTASH, XX. 22.
- PRUSSIC ACID, XX. 21; V. 554; as a poison, XIX. 278.
- PRUTH, river, Roumania and Russia, III. 615; XXI. 14, 73.
- PRY, Paul, in English comedy, XIV. 695.
- PRYBILOV ISLANDS, North Pacific, Birds of, III. 753.
- PRYNNE, William, English political writer, XX. 25; XVIII. 205; on English public records, XX. 313.
- PRYTANEION, at Olympia, Greece, XVII. 769.
- PRYTANIS, Greek official, XX. 28.
- PRYTZ, Andreas, bishop of Linköping, Sweden, XXII. 754.
- PRZASNYSZ, town, Russian Poland, XIX. 227.
- PRZEDBORZ, town, Poland, XX. 218.
- PRZEMYSŁ, town, Austria, XX. 28.
- PRZEMYSŁAW, king of Poland, XIX. 287.
- PRZIBRAM, town, Bohemia, XIX. 720.
- PSALMANAZAR, George, literary adventurer, XX. 28.
- PSALMS, Book of, XX. 29; III. 638; English versions, XII. 589; Marot's translation, XV. 563. — OF SOLOMON, II. 181; XVI. 55.
- PSALM TONES (or TUNES), XIX. 169.
- PSALTER, of Scripture, XX. 29; ancient Polish, XIX. 299; Aldhelm's, VIII. 382; Schorham's and Rolle's, VIII. 383. — (or PSALMS) OF SOLOMON, II. 181; on the Messiah, XVI. 55.
- PSALTERY, musical instrument, XX. 34; XI. 489.
- PSAMMETICHUS, or Psametik, king of Egypt, VII. 743.
- PSAMMITES, Archimedes's treatise, II. 381.
- PSAMMOBIA, genus of Mollusca, XVI. 688.
- PSAMMOPHIDÆ, family of snakes, XXII. 192.
- PSELLUS, Michael, Byzantine writer, XX. 35; XI. 147. —, Michael Constantine, Byzantine writer, XX. 35; VIII. 192.
- PSEUDOBANCHUS, genus of Amphibia, XXII. 97.
- PSEUDOCHIRUS, genus of marsupial mammals, XVIII. 728.
- PSEUDO-DIONYSIAN MYSTICISM, XVII. 131.
- PSEUDO-MARTYR, Donne's work, VII. 364.
- PSEUDOMORPHS, metamorphosed crystals, XVI. 371.
- PSEUDONYMOUS BOOKS, III. 657.
- PSEUDONYMS, Anagrammatic, I. 791.
- PSEUDOPHYLLIDÆ, family of tapeworms, XXIII. 54.
- PSEUDOSCARUS, genus of fishes, XVIII. 324.
- PSEUDOSCOPE, Wheatstone's, XXII. 540.
- PSEUDOTRIONCHIDÆ, family of cheilonian reptiles, XXIII. 457.
- PSIDIUM, genus of trees, XI. 242.
- PSILOMELANE, mineral, XV. 479; XVI. 388.
- PSILOTITIS, Mount, Crete, VI. 569.
- PSITTACI, order of birds, XV. 7, 130.
- PSITTACINITE, mineral, XVI. 404.
- PSITTACOMORPHÆ, group of birds, III. 714; XVIII. 322.
- PSITTACULA, genus of birds, XV. 28; XVIII. 323.
- PSITTACUS, genus of birds, XVII. 354; XVIII. 323.
- PSKOFF, government, Russia, XX. 35; as a republic, XXI. 89; town, XX. 36.
- PSOCIDÆ, group of insects, XIII. 152.
- PSOPHIA, genus of birds, XXIII. 594.
- PSORIASIS, skin disease, XXII. 123.
- PSYCHE, in Greek mythology, VI. 709.
- PSYCHOGRAPHY, spirit-writing, XXII. 405.
- PSYCHOLOGY, XX. 37; XVIII. 793; as a basis of anthropological classification, II. 108; analysis and synthesis applied

- to, I. 796; in relation to ethics, VIII. 574; to evolution, VIII. 766; to logic, XIV. 780; to metaphysics, XVI. 88; to phrenology, XVIII. 848; of religion, XXIII. 274, 276; Aristotle's, II. 522; Samuel Bailey on, III. 242; Beneke's system, III. 560; Brodie's work on, IV. 359; Thomas Brown's contributions to, IV. 388; of Charron, v. 431; of Condillac, VI. 251; Cousin on, VI. 525; of Descartes, VII. 126; Hegel's theory, XI. 620; Herbart on, XI. 719; Hume's theory, XII. 352; of Kant, XIII. 848; Leibnitz's contributions to, XIV. 422; Lewes's conceptions of, XIV. 491; of Lotze, XV. 14; of Plato, XIX. 201; of Schleiermacher, XXI. 411; of Schopenhauer, XXI. 457; Stoic doctrine, XXII. 565; Xenocrates's system, XXIV. 719.
- PSYCHO-PHYSICS, XXIV. 469.
- PTAH, Egyptian deity, II. 173; VII. 717; temple of, VII. 773.
- PTARMIGAN, bird, XI. 222.
- PTERANODON, fossil reptile, XX. 87.
- PTERIA, or Pterium, ancient town, Phrygia, III. 858; XVIII. 850.
- PTERIDOPHYTA, subkingdom of plants, III. 694; IX. 101; XXIV. 129.
- PTEROBRANCHIA, division of Polyzoa, XIX. 434.
- PTEROCARPUS, genus of plants, VII. 389; XIV. 91; XXI. 256.
- PTEROCLES, genus of birds, XXI. 258.
- PTEROCLIDÆ, group of birds, XVIII. 46.
- PTERODACTYLE, fossil reptile, XX. 86; VII. 385.
- PTEROGLOSSUS, genus of birds, XXIII. 477.
- PTEROMYS, genus of rodent mammals, XXII. 438.
- PTEROPODA, branch of Mollusca, XVI. 665.
- PTEROPODIDÆ, family of bats, XV. 409.
- PTEROPOD OOZE, of Pacific Ocean, XVIII. 123.
- PTEROPTOCHUS, genus of birds, XXIII. 49.
- PTEROPUS, genus of bats, IX. 352; XV. 409.
- PTEROSAURIA, fossil reptile, XX. 87.
- PTEROTRACHEA, genus of Mollusca, XVI. 654.
- PTERYGIUM, disease of the eye, XVII. 780.
- PTERYLOGRAPHY, in ornithology, III. 776; XVIII. 26.
- PTILORIS, genus of birds, XX. 553.
- PTOLEMÆUS. See Ptolemy.
- , Valentinian theologian, XXIV. 38.
- PTOLEMAIC SYSTEM, of astronomy, I. 499; II. 750, 777.
- PTOLEMIES, kings of Egypt, VII. 745; their Hellenizing influence, XV. 144; coins of, XVII. 650; their promotion of geographical discovery, X. 176; in Palestine, XIII. 420.
- PTOLEMY I. (Soter), king of Egypt, VII. 745; XV. 142; founder of Alexandrian library, I. 498; of Alexandrian museum, I. 69.
- , II. (Philadelphus) and III. (Euergetes), VII. 745.
- , IV. (Philopator), V. (Epiphanes), VI. (Philometor), and VII. (Euergetes II.), VII. 746.
- , VIII. (Lathyrus), IX. (Alexander I.), X. (Alexander II.), XI. (Auletes), XII., and XIII., VII. 747.
- (Claudius Ptolemæus), Egyptian astronomer and geographer, XX. 87; X. 177; XV. 517; XVII. 709; his system of astronomy, I. 499; II. 750, 777; on the lunar theory, XVI. 799; his catalogue of the stars, XVIII. 840; on climatic zones, VI. 1; on musical intonation, XVII. 78.
- PTOMAINES, in medicine, XXI. 666; XXII. 680.
- PTYALIN, alimentary secretion, XVII. 671.
- PTYAS, genus of snakes, XXII. 194.
- PUBERTY, in law, XIII. 1; totemistic ceremonies connected with, XXIII. 470.
- PUBIS, Anatomy of the, I. 828.
- PUBLIC DEBT, XVII. 243; of United States, XXIII. 747, 766, 778, 780, 828.
- PUBLIC HEALTH, XX. 96; Acts relating to, XV. 797, 798.
- PUBLIC-HOUSE LICENCES, XIV. 690.
- PUBLICIAN EDICT, in Roman law, XX. 699.
- PUBLIC OCCURRENCES, Boston newspaper, XVII. 433.
- PUBLICOLA, Valerius, Roman consul, XXIV. 41.
- PUBLIC RECORDS, of England, XX. 310.
- PUBLIC SAFETY, Committee of, France, IX. 605.
- PUBLIC WEAL, League of the, France, IX. 552.
- PUBLIC WORKS, British department of, XVI. 474.
- PUBLILIAN LAW, Roman, XX. 737.
- PUBLILIUS SYRUS, Latin farce-writer, XX. 97.
- PUBLISHING, of books, IV. 40.
- PUBLIUS (or PUBLILIUS) SYRUS, Latin farce-writer, XX. 97.
- PUCCI, Antonio, Italian comic poet, XIII. 505.
- , Orazio, Tuscan noble, XV. 791.
- PUCCINIA GRAMINIS, corn-mildew, XVI. 293.
- PUCELLE, La, Voltaire's poem, XXIV. 292.
- , La, Chapelain's epic, v. 396.
- PUCHERITE, mineral, XVI. 404.
- PUCHERO, Spanish lentil food, XIV. 447.
- PÜCKLER-MUSKAU, Hermann L. H., Prince of, German writer, XX. 98.
- PUDDINGSTONE, rock, X. 237.
- PUDDLING, of iron, XIII. 320.
- PUDSEY, town, England, XX. 98.
- PUDUPAK, PUDUPET, parts of Madras city, India, XV. 188.
- PUEBLA, town, Mexico, XX. 98; XVI. 214; state, XVI. 214.
- PUEBLOS, American-Indian tribe, XII. 833.
- PUELICHE, American-Indians, XII. 829.
- PUEMUNUS, Italian deity, XIX. 443.
- PUNTEAREAS, town, Spain, XIX. 455.
- PUERTO AMERICANO, town, Chilian Patagonia, XVIII. 352.
- PUERTO CABELLO, town, Venezuela, XX. 98.
- PUERTO DE ISABEL, town, Fernando Po, Africa, IX. 100.
- PUERTO DE NAVACERRADA, town, Spain, XXII. 294.
- PUERTO DE SANTA MARIA, town, Spain, XX. 99.
- PUERTO GUZMAN BLANCO, town, Venezuela, XXIV. 140.
- PUERTO PRINCIPE, town, Cuba, XX. 99.
- PUERTO RICO, or Porto Rico, island, West Indies, XIX. 532.
- PUERTO SUCKE, town, Venezuela, XXIV. 140.
- PUFENDORF, Samuel, German political and philosophical writer, XX. 99.
- PUFF-ADDER, viper, XXIV. 247.
- PUFF-BIRD, XX. 101.
- PUFFIN, bird, XX. 101.
- PUFFINUS, genus of birds, XXI. 781.
- PUFFLERITE, mineral, XVI. 423.
- PUGATCHEFF, J., leader of Cossack rebels, XXI. 99.
- PUGET, Pierre, French painter, sculptor, and architect, XX. 102; XXI. 563.
- SOUND, Washington Territory, U.S.A., XXIV. 385.
- PUGHE, William Owen, on Welsh literature, v. 314.
- PUGIN, Augustus Welby Northmore, English architect, XX. 102.
- PUGLIA, Francesco di, his challenge to Savonarola, XXI. 337.
- PUISSANCE MOTRICE, Carnot's work, XXIII. 283.
- PUKHTU LANGUAGE, Afghanistan, I. 238.
- PUKHTUNWALI, system of Afghan law, I. 237.
- PULASKI, or Pulawski, Casimir, Polish patriot, XIX. 297; as American general, XXIII. 790.
- PULCI, Luigi, Italian poet, XX. 103; XIII. 507.
- PULCINELLA, Neapolitan puppet, XX. 106.
- PULEX, genus of insects, IX. 300.
- PULGAR, Fernando de, Spanish prose-writer, XX. 103.
- PULICAT, lake, India, XV. 184.
- PULKOVA, or Pulkowa, village, Russia, XXI. 194; observatory at, XVII. 714; telescope in observatory, XXIII. 150.

- PULLEY, in block machinery, III. 833; XV. 733.
- PÜLLNA, spa, Bohemia, XVI. 436.
- PULMONATA, order of Mollusca, XVI. 660; XXII. 187.
- PULNEY (Palni), town, India, XV. 192.
- PULO CONDORE, port, Cochin China, VI. 93.
- PULO PENANG, island, Malay Peninsula, XV. 321; XIX. 741.
- PULPIT, in architecture, II. 471.
- PULQUE, South American drink, IV. 264.
- PULSE, in physiology, XXIV. 103.
- PULSOMETER, mining pump, XVI. 458; XXII. 516.
- PULTAMARCA, Peru, Sulphur springs of, V. 279.
- PULTENEY, William, earl of Bath, English politician, XX. 103.
- PULTNEYTOWN, part of Wick, Scotland, XXIV. 556.
- PULTOWA (Poltava), town, Russia, XIX. 410; battle of (1709), V. 421; XXI. 97; XXII. 750.
- PULTUSK, town, Russia, XIV. 817.
- PULVERIZER, agricultural implement, XVI. 463.
- PULVINUS, group of cells in plants, XIX. 63.
- PULWUL (Palwal), town, India, XVIII. 203.
- PUMA, carnivorous mammal, XX. 104; I. 682; XV. 435.
- PUMICE, volcanic product, XX. 105; X. 234.
- PUMP, Mechanism of, XII. 533; XIX. 241, 246; condensing, Papin's invention of, XVIII. 228; mining, XVI. 458; in ships, XXI. 816.
- PUMP, Air-, I. 429. See Air-Pump.
- PUMPING, on rivers, XX. 573; engines for, XXII. 515.
- PUMPKIN, vegetable, XI. 4; XII. 283.
- PUMPKIN-SEED OIL, XVII. 744.
- PUNA, district, Bolivia, IV. 12.
- , mountains, Peru, XVIII. 672.
- PUNAKHA, town, India, III. 632.
- PUNALUAN FAMILY, IX. 22.
- PUNCH, English comic journal, V. 105; XXI. 320; Leech's connexion with, XIV. 406; Thackeray's contributions to, XXIII. 214.
- AND JUDY, puppets, XX. 106.
- PUNCHINELLO, puppet, XX. 105.
- PUNCHING MACHINE, XV. 157.
- PUNCH MAHAULS (Panch Mahals), district, India, XVIII. 210.
- PUNCTUATION, in ancient MSS., XVIII. 163.
- PUNDERPOOR, or Pandarpur, town, India, XVIII. 210; XXI. 832.
- PUNIAL, state, on upper Indus, X. 597.
- PUNICA, epic of Silius, XXII. 54.
- , genus of plants, XIX. 441.
- PUNIC WARS, of Rome, V. 161; XX. 747; effects of the first upon Sicily, XXII. 21; the second, XI. 442.
- PUNISHMENT, by imprisonment, XIX. 747; by torture, XXIII. 460; under Roman law, XX. 675.
- PUNJAB, province, British India, XX. 106; invasion of, by Mahmud, XV. 286; annexation of, by England, XII. 808; rivers of, XII. 847; university of, XXIII. 856.
- PUNJABI LANGUAGE, Dictionaries of, VII. 191.
- PUNNAH, state, India, XVIII. 213.
- PUNO, town, Peru, XVIII. 675.
- PUNTA ARENAS, town, Chili, XVIII. 352.
- PUPA, of insects, XII. 574; XIII. 147; of butterflies, IV. 594.
- PUPIPARA, group of insects, XIII. 150.
- PUPIVORA, class of insects, XII. 629.
- PUPPET-SHOWS, XV. 546; XX. 105.
- PURACE, volcano, Colombia, South America, XIX. 481; XXII. 634.
- PURANAS, Brahman histories, XXI. 283.
- PURBACH, or Beurbach, George, Austrian astronomer, II. 751; XX. 341; XXIII. 562.
- PURBECK, peninsula, Dorset, England, VII. 371; stone of, XV. 529.
- BEDS, geological series, X. 354, 356.
- PURCELL, Henry, English musical composer, XX. 112; VII. 437; XVII. 88, 90.
- PURCHAS, Samuel, English geographical writer, XX. 114; X. 183.
- PURCHASER, in law, XXI. 206.
- PURCHASE SYSTEM, of British army, II. 575.
- PURGATORIO, Dante's, VI. 815.
- PURGATORY, XX. 114; VIII. 537.
- PURGING-NUT OIL, XVII. 744, 746.
- PURGOLOVO, village, Russia, XXI. 194.
- PURGSTALL, Joseph von Hammer-, Austrian Orientalist, XI. 426.
- PURI, district, British India, XX. 115; town, XX. 115; XVII. 845.
- PURIFICATION, Ceremonial, I. 50; by fire, IX. 232; among the Greeks and Romans, XV. 69.
- , Feast of the, XV. 592.
- PURIM, Jewish feast, XX. 115; VIII. 561.
- PURITANISM, in relation to the English drama, VII. 433; to English literature, VIII. 417; to Presbyterianism, XIX. 685; to the Renaissance, XX. 393; Laud's opposition to, XIV. 346; Milton's relations to, XVI. 328.
- PURITANS, in England, VIII. 340, 346, 376, 378; XII. 723; Neal's History of, XVII. 303.
- PURITY, in ethics, VIII. 590.
- PURKINJE'S FIGURES, in vision, VIII. 819.
- PURLIEU LAND, in forest laws, IX. 409.
- PURNIAH, district, British India, XX. 115; town, XX. 116.
- PURPLE, dye, XX. 116; VII. 571, 579; XVI. 648; XVIII. 804; from lichens, XIV. 559.
- ISLAND, poem by Phineas Fletcher, IX. 305.
- LINEN, Phœnician, XXIII. 207.
- ORE, of iron, XIII. 285.
- PURPOSIVE ACTION, in psychology, XX. 73.
- PURPURA, disease, XX. 116.
- , genus of Mollusca, XVI. 649, 652.
- PURRE, bird, XXI. 260.
- PURSLANE, plant, XX. 116.
- PURSUIT OF KNOWLEDGE UNDER DIFFICULTIES, Craik's book, VI. 542.
- PURSUivant, heraldic officer, XI. 687.
- PURVEY, John, English Lollard, XIV. 811; his version of the Bible, VIII. 383; XXIV. 710.
- PURVEYANCE, in feudalism, XIV. 115; royal, IX. 177; levying of, I. 294; prerogative of, XIX. 672.
- PURWAKARTA, town, Java, XIII. 606.
- PURWOREDJO, town, Java, XIII. 606.
- PUS, in pathology, XXII. 683; pus-corpuscles, XVIII. 365.
- PUSEY, Edward Bouverie, English theologian, XX. 116; on German rationalism, XX. 290.
- , Philip, agriculturist, I. 324, 328.
- PUSEYISM, religious movement, XX. 117.
- PUSHKIN, or Poushkin, Alexander, Russian poet, XIX. 648; XXI. 107.
- PUSHTU LANGUAGE, Afghanistan, I. 238; dictionaries of, VII. 191.
- PUSSLY, or Purslane, plant, XX. 116.
- PUSTULE, Malignant, XX. 118; XXIV. 663.
- PUTBUS, town, Rügen, Prussia, XXI. 57.
- PUTEAUX, town, France, XXI. 624.
- PUTEOLI (Pozzuoli), ancient town, Italy, XVII. 188; XIX. 651.
- PUTNAM, Fort, New York, U.S.A., XII. 331.
- , Israel, American revolutionary officer, XXIII. 790.
- PUTNEY, suburb of London, XX. 118; XIV. 822.
- PUTORIUS, genus of carnivorous mammals, XV. 440; XVI. 474; XIX. 331; XXIV. 462.
- PUTREFACTION, IX. 97; in animal tissues, XXII. 679; due to minute organisms, XXI. 407; prevention of, II. 135; of drowned bodies, VII. 474.
- PUTTE, Samuel van de, Dutch traveller, X. 188; in Tibet, XIV. 503.
- PUTTY, cement, XX. 118.
- PUY, Le, town, France, XX. 118.
- , The, early London guild of musicians, XVII. 84.
- PUYA, plant fibre, XX. 506.
- PUY DE DÔME, department, France, XX. 119.
- PUY DE PARIOU, mountain, France, XX. 119.

- PUY DE SANCY, mountain, France, XX. 119.
- PUYNIPET, island, Caroline group, Pacific, v. 126.
- PUYSEGUR, Marquis de, mesmerist, xv. 278.
- PYÆMIA, disease, xviii. 401; xxii. 678.
- PYATIGORSK, town, Caucasus, Russia, xx. 120.
- PYCNIDES, organs in lichens, xiv. 555.
- PYCNIDIA, in plant development, xx. 424.
- PYCNITE, mineral, xvi. 408.
- PYCNODONTOIDEI, suborder of fishes, xii. 687.
- PYCNOGONUM, genus of Arachnida, ii. 277.
- PYCNOTROP, mineral, xvi. 414.
- PYDNA, town, Macedonia, xv. 137; battle of (168), xviii. 435.
- PYGALION, of Greek legend, xx. 120; xviii. 807.
- PYGMIES, xx. 120.
- PYGOBRANCHIA, suborder of Mollusca, xvi. 655.
- PYGOPODES, group of birds, xviii. 45.
- PYLÆ CILICIÆ, pass, Asia Minor, ii. 705.
- PYLÆMENES, rulers of Paphlagonia, xviii. 227.
- PYLAS, king of Tyre, xviii. 808.
- PYLORUS, outlet of the stomach, vii. 224; stricture of, xxii. 575.
- PYLUS, town, Messenia, Greece, xvi. 53.
- PYM, John, English politician, xx. 120; v. 405.
- PYNCHON, William, early American colonizer, xxii. 433.
- PYPELINX, Maria, mother of Rubens, xxi. 41.
- PYRALLOLITE, mineral, xvi. 415.
- PYRAMID, PYRAMIDS, Egyptian, xx. 122; v. 582; vii. 732, 771; age of, vii. 732; architecture of, ii. 385; of Central America, xvi. 214; xxiv. 759.
- , in geometry, xvi. 23; xix. 803.
- PYRAMIDAL SYSTEM, of crystals, xvi. 357.
- PYRAMID LAKE, Nevada, U.S.A., xvii. 367.
- PYRAMIDS, game, iii. 676.
- , Battle of the (1798), Egypt, vii. 759. See Pyramid.
- PYRAMUS, river, Asia Minor, ii. 708; v. 777.
- PYRANGA, genus of birds, xxiii. 45.
- PYRARGILLITE, mineral, xvi. 418.
- PYRARGYRITE, mineral, xvi. 394; xxii. 69.
- PYRENEES, mountains, Europe, xx. 124; ix. 505; treaty of the (1659), ix. 573; xxii. 332.
- PYRÉNÉES, three departments (Basses, Hautes, Orientales), France, xx. 126.
- PYRENOMYCETES, suborder of Fungi, ix. 834; xxiv. 127; parasitic forms, xviii. 267; as vine pests, xxiv. 240.
- PYRETHRUM, garden plant, xii. 259.
- PYRGI, seaport, Etruria, viii. 635.
- PYRGOS, near Constantinople, Aqueduct of, ii. 221.
- PYRGOTELES, Greek gem-engraver, x. 139.
- PYRHELIOMETER, radiation thermometer, xxiii. 291.
- PYRIPHLETHON, legendary river, xxii. 614.
- PYRITES, metallic sulphides, xx. 128; copper, vi. 347; of flue-dust, xxiii. 219; iron, xiii. 280, 288; xv. 532; xvi. 390, 391, 393; xx. 128; niceolobaltic, xvii. 487.
- PYRMONT, principality, Germany, xxiv. 321.
- , Bad, spa, Germany, xvi. 434; xxiv. 321.
- PYROAURITE, mineral, xvi. 388.
- PYROCATECHUIC ACID, xiv. 91.
- PYROCHLORE, mineral, xvi. 426.
- PYROCHROITE, mineral, xvi. 388.
- PYRO-ELECTRICITY, viii. 8, 99; xix. 313; in minerals, xvi. 376; Haiy's contributions to, xi. 523.
- PYROLUSITE, mineral, xv. 479; xvi. 387.
- PYROMETER, for measuring high temperatures, xx. 129; in iron smelting, xiii. 305; Deville's, xi. 570.
- PYROMORPHITE, mineral, xiv. 375; xvi. 407; xviii. 818.
- PYROPE, mineral, xvi. 411.
- PYROPHYLLITE, mineral, xvi. 424.
- PYROPHYSALITE, mineral, xvi. 408.
- PYROPISSITE, mineral, xvi. 429; xviii. 243.
- PYRORETINITE, mineral, xvi. 428.
- PYRORTHITE, mineral, xvi. 410.
- PYROSCLERITE, mineral, xvi. 414.
- PYROSILVER, silvered steel, xiii. 357.
- PYROSMALITE, mineral, xvi. 413.
- PYROSOMA, ascidian, xxiii. 609, 618; phosphorescence of, xviii. 814.
- PYROSTILPNITE, mineral, xvi. 396.
- PYROTECHNY, xx. 134.
- PYROXENE, mineral, xvi. 416.
- PYROXILIN, or Gun-Cotton, xi. 277.
- PYROXYLINE EXPLOSIVES, xxi. 835.
- PYRRHA, town, Lesbos, Asia Minor, xiv. 474.
- PYRRHITE, mineral, xvi. 426.
- PYRRHO, Greek sceptic, xxi. 379.
- PYRRHOCORAX, genus of birds, vi. 618.
- PYRRHONISM, philosophical system, xxi. 379; of Pascal, xviii. 336.
- PYRRHOTITE, mineral, xvi. 391.
- PYRRHULAUDA, genus of birds, xiv. 316.
- PYRRHUS, king of Epirus, xx. 136; his war with the Romans, xx. 743; his invasion of Sicily, xxii. 20.
- PYRULA, genus of Mollusca, xvi. 650.
- PYRUS, genus of trees, ii. 320; xviii. 445; xx. 182.
- PYTHAGORAS, Greek sculptor, ii. 351.
- , Ionian philosopher, xx. 137; on astronomy, ii. 746; on transmigration of souls, xvi. 106; his system of music, xvii. 78.
- PYTHAGORAS, Theorem of (Eucl. i. 47), x. 379.
- PYTHAGOREANISM, xx. 138; viii. 575; in relation to Orphism, xviii. 51; Philo's, xviii. 760; Philolaus's, xviii. 764.
- PYTHAGOREAN TRIANGLES, Tables of, xxiii. 14.
- PYTHEAS of Massilia, Greek navigator, xx. 142; on astronomy, ii. 748; on Thule, xxiii. 328; Strabo on, xxii. 582.
- PYTHIA, Greek prophetess, xvii. 808.
- PYTHIAN GAMES, Greece, x. 65.
- PYTHIAS, friend of Damon, vi. 795.
- PYTHIUM, sanctuary of Apollo, at Athens, iii. 2.
- PYTHMEN, in Greek arithmetic, xvii. 626.
- PYTHON, snake, xx. 144, 449, 451; xxii. 195.
- PYTHONIDÆ, family of snakes, xxii. 193, 195.
- PYX, Trial of the, i. 176; ii. 725; xvi. 483.
- PYXIS, ancient toilet-casket, xix. 614.
- Q, the seventeenth letter of the alphabet, xx. 145.
- QAT, Melanesian deity, xvii. 148.
- QINBIL (Kamala), drug, xiii. 831.
- QUADRAGESIMA SUNDAY, xiv. 446.
- QUADRANT, optical instrument, xvii. 254, 258, 268; xiv. 586; earliest form of, x. 187; graduation of, xi. 28.
- QUADRATORUM LIBER, Leonardo of Pisa's work, xix. 125.
- QUADRATURE OF THE CIRCLE, xxii. 433.
- QUADRATURE OF CURVES, Wallis on, xxiv. 332.
- QUADRATURE OF SURFACES, xiii. 55.
- QUADRIC SURFACES, in geometry, x. 405; xxii. 670.
- QUADRIGARIUS, Q. Claudius, Roman historian, xiv. 729.
- QUADRILATERAL, four Italian fortresses, xx. 145.
- QUADRILATERALS, Mensuration of, xvi. 15.
- QUADRIREME, ancient Greek ship, xxi. 806.
- QUADRIVIUM, mediæval course of study, xx. 515.
- QUADRUMANA, group of Mammalia, xv. 444; ii. 148; of South America, i. 681.
- QUADRUPEDS, xv. 347.
- QUADRUPE ALLIANCE (1718), i. 450; ix. 584.
- QUADRUPEX TELEGRAPHY, xxiii. 123.
- QUÆSTOR, Roman magistrate, xx. 145; 738, 772.

- QUAGGA, ungulate mammal, XX. 146; I. 259; XII. 175.
- QUAIL, bird, XX. 146.
- QUAIL-HAWK, bird, XIV. 54.
- QUAIN, Jones, on systematic anatomy, I. 817.
- , Richard, on the anatomy of the arteries, I. 817.
- QUAKERS, religious sect, XX. 147; III. 853; IX. 500; their affinities with mysticism, XVII. 135; their opposition to the slave trade, XXII. 139; Penn's Quakerism, XVIII. 492.
- QUAN (Guan), bird, XI. 232.
- QUANG DUK (Hué), town, Anam, Asia, XII. 333.
- QUANTAMPOH, town, West Coast, Africa, XX. 153.
- QUANTITIES, Mathematical, XV. 660.
- QUANTITY, Methods of regarding, III. 37.
- QUANTZ, J. J., German writer on the flute, XXIII. 520.
- QUANZA (Coanza), river, Africa, VI. 81.
- QUARANTINE, XX. 153; XIX. 163; laws relating to, XV. 797.
- , Cattle, XX. 158.
- , Widow's, in law, XX. 158.
- QUAREGNON, town, Belgium, XVI. 761.
- QUARE IMPEDIT, in English law, XX. 158.
- QUARLES, Francis, English poet, XX. 159.
- QUARNERO, Gulf of, Dalmatia, V. 586.
- QUARREL, in architecture, II. 471.
- QUARRIES, for minerals, XVI. 454.
- QUARTER, in heraldry, XI. 696, 706.
- QUARTER-ILL, cattle disease, XVII. 58.
- QUARTERLY REVIEW, The, Croker's connexion with, VI. 595; Gifford's, X. 590; Lockhart's, XIV. 763; Wilson's, XXIV. 592.
- QUARTERLY REVIEWS, XVIII. 536.
- QUARTEROON, Negro and white half-breed, XVII. 320.
- QUARTER SESSIONS, law court, XX. 159.
- QUARTER-SQUARES, Tables of, XXIII. 8.
- QUARTIC SURFACES, in geometry, XXII. 670.
- QUARTODECIMANS, of early Christian church, IV. 669; VII. 614.
- QUARTZ, rock, XX. 160; X. 227, 237; XI. 48; XVI. 389; XIX. 314.
- QUASIN, bitter vegetable principle, XIX. 53.
- QUASSIA, tree, XX. 160.
- QUATERNARY DEPOSITS, in geology, X. 365.
- QUATERNIONS, in mathematics, XX. 160; XV. 630; Sir W. R. Hamilton's invention of, XI. 422.
- QUATREBRAS, Belgium, Battle of (1815), XVII. 224.
- QUATREMÈRE, Étienne Marc, French Orientalist, XX. 164.
- QUAY, or Wharf, XI. 455.
- QUEBEC, province, Canada, XX. 165.
- , town, XX. 168; capture of, by Wolfe (1759), XXIV. 630; battle of (1759), IX. 590.
- ACT (1774), XXIII. 739.
- CHAPEL SERMONS, Alford's, I. 505.
- QUEBEDO, Vasco Mousinho de, Portuguese poet, XIX. 556.
- QUEBRACHO, wood used in tanning, XIV. 382.
- QUEDAH, or Kedah, district, Straits Settlements, Asia, XV. 322.
- QUEDLINBURG, town, Prussia, XX. 169.
- QUEEN, title, XXIII. 418.
- ADELAIDE ARCHIPELAGO, XVIII. 352.
- ANNE'S BOUNTY, XX. 169; II. 62.
- QUEEN-BEE, III. 484.
- QUEEN CHARLOTTE ISLANDS, British Columbia, XX. 170; totemism of Haida Indians in, XXIII. 469.
- QUEEN'S BENCH, English law court, III. 556; records of, XX. 311.
- QUEENSBERRY, Second Duke of, XX. 170; XXI. 517.
- QUEENS' COLLEGE, Cambridge, IV. 730.
- QUEEN'S COLLEGE, Oxford, XVIII. 97.
- QUEEN'S COUNSEL, highest rank of barristers, III. 394.
- QUEEN'S COUNTY, Ireland, XX. 170; representation, XXIII. 727.
- QUEENSLAND, British colony, Australia, XX. 171; III. 114; mines, XVI. 471; railways, XX. 253.
- QUEENSTOWN, town, Ireland, XX. 175.
- QUEEN'S WAKE, Hogg's poem, XII. 51.
- QUEEST, bird, VII. 379.
- QUEIROZ, Eça de, Portuguese novelist, XIX. 558.
- QUELLIN, John Erasmus, Flemish artist, XXIII. 174.
- QUENSTEDT, Johann Andreas, on the inspiration of Scripture, XIII. 156.
- QUERCETANUS (André Duchesne), French historian, VII. 504.
- QUERCITANNIC ACID, XXIII. 48.
- QUERCITRON, dyestuff, XX. 175; IX. 293; XVII. 693.
- QUERCUS, genus of trees, XVII. 689; XX. 175.
- QUERÉTARO, town, Mexico, XX. 175; XVI. 214; state, XVI. 214.
- QUERN, ancient flour-mill, IX. 343.
- QUESAL (Quezal), bird, XX. 179.
- QUESNAY, François, French economist, XX. 176; XIX. 361.
- QUESNEL, Pasquier, French theologian, XX. 177; codex of, V. 17; suspected of Jansenism, XIII. 567; his writings condemned by papal bull, V. 822.
- QUESTER, Matthew de, two British postmasters, XIX. 563.
- QUETELET, Ernest, Belgian astronomer, XX. 177.
- , Lambert Adolphe Jacques, Belgian physicist, XX. 177; XXII. 462; on the races of man, II. 112.
- QUETTA, town, Baluchistan, XX. 178.
- QUETZALCOATL, ancient Mexican deity, XVI. 208, 211; pilgrimage to temple of, XIX. 92.
- QUETZALCOHUATL, legendary chief, Central America, I. 704.
- QUEVEDO VILLEGAS, Francisco, Spanish satirist, XX. 178; XXII. 357, 360.
- QUEZAL, bird, XX. 179.
- QUEZALTENANGO, town, Guatemala, XX. 180.
- QUIAH COUNTRY, West Africa, XXII. 44.
- QUIBERON, town, France, XVI. 813.
- QUICHÉ, ancient kingdom, Mexico, XVI. 208.
- QUICHÉS, people, Central America, XXIV. 759.
- QUICHUA LANGUAGE, Peru, I. 700.
- QUICHUAS, Peruvian nation, XVIII. 676; in Bolivia, IV. 15.
- QUICKLIME, XIV. 647; XXI. 166.
- QUICKSILVER, or Mercury (*q.v.*), XVI. 31; mines of, in Austria, III. 120; in California, IV. 702; in Spain, I. 589.
- QUICUNQUE, Symbolum, the so-called Athanasian Creed, VI. 562.
- QUIERSY-SUR-OISE, France, Diet of (877), IX. 534.
- QUIETISM, religious movement, XI. 341; XVI. 631; XVII. 134.
- QUILIMANE, town, East Africa, XX. 180.
- QUILL, for writing, IX. 60; XVIII. 483.
- QUILLOTA, town, Chili, XX. 180.
- QUILON, town, India, XX. 181; XXIII. 525.
- QUILU, river, West Africa, XIV. 742.
- QUIMPER, town, France, XX. 181.
- QUIN, river, Nevada, U.S.A., XVII. 367.
- QUINARY SYSTEM, bird classification, XVIII. 15.
- QUINAULT, Philippe, French dramatist, XX. 181.
- QUINCE, tree and fruit, XX. 182; XII. 276.
- OIL, XVII. 744.
- QUINCKE, Georg Hermann, his electrolytic theory, VIII. 114; his tables of surface-tension, V. 70.
- QUINCUNX, The, of Sir Thomas Browne, IV. 390.
- QUINCY, town, Illinois, U.S.A., XX. 182.
- , town, Massachusetts, U.S.A., XX. 182.
- , Edmund, American scholar, XX. 183.
- , Josiah (1744-1775), American politician, XX. 182.
- , Josiah (1772-1864), American politician, XX. 183.

- QUINET, Edgar, French writer, XX. 183; IX. 681.
- QUINIDINE, vegetable alkaloid, XX. 185.
- QUININE, drug, XX. 184; v. 780; production of, in India, XII. 751.
- QUINONES DE BENAVENTE, Luis, Spanish dramatist, XXII. 359.
- QUINQUEREME, ancient Greek ship, XXI. 806.
- QUINSY, disease, XXIII. 320.
- QUINTAIN, Boat, sport, XXI. 30.
- QUINTANA, Manuel José, Spanish poet, XX. 186; XXII. 361.
- QUINTEROON, Negro and white half-breed, XVII. 320.
- QUINTILIAN (M. Fabius Quintilianus), Latin rhetorician, XX. 187; his rhetoric, XX. 514; his language and style, XIV. 337; his place in Roman literature, XX. 726.
- QUINTILIANI, or Quinetiales, ancient Roman college of Luperci, XV. 66.
- QUINTUS ICILIUS, Karl G. G. von, his magnetic experiments, XV. 254.
- QUINTUS SMYRNÆUS, Greek epic poet, XX. 188.
- QUINZE JOIES DU MARIAGE, French satire, IX. 649.
- QUINZE-VINGTS, blind asylum, Paris, XVIII. 283.
- QUIRAING, rock, Skye, Scotland, XXII. 127.
- QUIRES, in palæography, XVIII. 144; in paper trade, XVIII. 224.
- QUIRINALIA, Roman festival, XV. 570.
- QUIRINAL PALACE, at Rome, XX. 835.
- QUIRINIUS, his census enrolment in Judæa, XIII. 660.
- QUIRINUS, Sabine deity, XV. 570.
- , name of Romulus, founder of Rome, XX. 840.
- QUIRITES, in Roman law, XX. 669.
- QUIROS, Fernandez de, Spanish explorer of Tahiti, XXIII. 24.
- ISLAND, atoll, Polynesia, XIX. 420.
- QUIROTOA, lake, Ecuador, VII. 646; mountain, VII. 645.
- QUITO, town, Ecuador, South America, XX. 188.
- QUOIN, in architecture, II. 471.
- QUOITS, modern game, XX. 189; classical, VII. 258.
- QUORRA, or Niger, river, Africa, XVII. 496; I. 253.
- QUO WARRANTO, in English law, XX. 189; XXIV. 372.
- R**, the eighteenth letter of the alphabet, XX. 190.
- RA, Egyptian divinity, VII. 716.
- RAAB, town, Hungary, XX. 190.
- RAAMAH, of Scripture, XXIV. 738.
- RAAMES, town, Egypt, XX. 265.
- RAB, Jewish title, XX. 190.
- RABA, Jewish teacher, XX. 191.
- RABAD, Jewish scholars, XX. 191.
- RABAN, Jewish teacher, XX. 191.
- RABANUS MAURUS MAGNENTIUS, archbishop of Mainz, XII. 326.
- RAB ASSHI (or ASHE), Talmudic writer, XX. 190; XXIII. 37.
- RABAT, town, Morocco, XX. 192; XVI. 831.
- RABATO, town, Gozo, Mediterranean Sea, XV. 339.
- RABBA, town, on Niger, Africa, XX. 192; XVII. 498; XXII. 279.
- RABBAH, Jewish scholar, XX. 192.
- , town, Syria, I. 743.
- RABBAN, Jewish title, XX. 190.
- RABBATH, of Ammon, town, Syria, I. 743.
- RABBENU, Jewish title, XX. 190.
- RABBI, Jewish title, XX. 190.
- RABBINICAL DICTIONARIES, VII. 189.
- RABBINICAL LAW, the Mishnah, XVI. 502.
- RABBINS, Jewish, their historical importance, XIII. 428.
- RABBIT, rodent mammal, XX. 192; XV. 421; skins of, IX. 838.
- HAWKING, IX. 10.
- SHOOTING, XXI. 834.
- RABBLE, for iron puddling, XIII. 322.
- RABBONI, Jewish title, XX. 190.
- RABBULA, Syriac writer, XXII. 829.
- RABDOLOGIA, Napier's work, XVII. 179.
- RABELAIS, François, French humorist, XX. 193; IX. 652; his works on medicine, XV. 808.
- RABENER, Gottlieb Wilhelm, German satirist, XX. 198.
- RABIES, disease, XX. 199; XII. 545.
- RABINA, Talmudic writer, XXIII. 37.
- RABUTIN, French family, XXI. 703.
- , Léonor de, French soldier, XX. 202.
- , Roger de, Comte de Bussy, French gallant and writer, XX. 202; his relations with Madame de Sévigné, XXI. 704.
- RABUTIN-CHANTAL, Marie de, Madame de Sévigné, XXI. 703.
- RACAN, Honorat de Bueil, Marquis de, French poet, IX. 656.
- RACCOON, carnivorous mammal, XX. 202; XV. 441; skins of, IX. 838.
- RACE, in tidal current, XXIII. 353.
- RACE-HORSE, XII. 183.
- RACEMIC ACID, XXIII. 69.
- RACES, of mankind, II. 111.
- , Horse, XII. 199; v. 124.
- RACHEL, wife of Jacob, XIII. 536, 749.
- , Elizabeth Félix, French actress, XX. 203; VII. 425.
- RACHIANECTES, genus of cetacean mammals, XV. 395.
- RACINE, town, Wisconsin, U.S.A., XX. 203; population, XXIV. 617.
- , Jean, French dramatist, XX. 203; VII. 424; IX. 658; his attack on Nicole, XVII. 490.
- RACING, Chariot, in ancient games, v. 791; X. 64.
- , Foot, in ancient games, X. 64; modern, III. 12, 13; XXI. 16.
- , Horse, XII. 199; at Rome, during the carnival, v. 124.
- RACK, in mechanics, XV. 755.
- , instrument of torture, XXIII. 465.
- RACKETS, game, XX. 209.
- RACK RENT, XX. 402.
- RÅDA CHURCH, Sweden, Mural decoration in, XVII. 48.
- RADAGAIUS, Gothic chief, X. 849.
- RADAMA I.-II., kings of Madagascar, XV. 174.
- RADAUTZ, town, Bukowina, Austria, XX. 210.
- RADAY, Gideon, Magyar dramatist, XIV. 21.
- RADBERTUS, abbot of Corbie, XX. 210.
- RADBOD, king of the Frisians, IX. 788; XXIV. 587.
- RADCLIFFE, town, England, XX. 210.
- , Ann Ward, English novelist, XX. 211.
- , John, English physician, XV. 812.
- LIBRARY, Oxford, XIV. 519.
- OBSERVATORY, Oxford, XVII. 710.
- RADESPONA (Ratisbon), Roman station, Germany, XX. 292.
- RADETZKY, Johann J. W. A. F. C., Austrian field-marshal, XX. 211.
- RADEWYN, Florentius, Dutch mystic and educationist, XIV. 31; XVII. 134.
- RADHANPUR, state and town, India, XX. 212.
- RADIAN, unit of angular measurement, XVI. 17.
- RADIANCE, Theory of, XIX. 2.
- RADIATA, division of animal kingdom, XX. 212.
- RADIATION, of heat, XX. 212; XI. 577; as affecting temperature, VI. 3; solar, XVI. 116; XXII. 651; thermometers for measuring, XXIII. 291.
- RADI BILLAH, caliph, XVI. 587.
- RADICHEVICH, Branko, Servian writer, XXI. 691.
- RADIOLARIA, class of Protozoa, XIX. 849; skeletal structures of, XXII. 106.
- RADIOLARIAN OOEZE, of Pacific Ocean, XVIII. 123.
- RADIOMETER, Crookes's, XIX. 249.
- RADIOPHONE, Telephonic, XXIII. 130, 134.
- RADISH, vegetable, XII. 286.
- RADISH-SEED OIL, XVII. 744.
- RADISTCHEFF, Alexander, Russian writer, XXI. 106.
- RADNOR, county and town, Wales, XX. 217.
- RADOM, government, Russian Poland, XX. 217; town, XX. 218.
- RADOMUISL, town, Russia, XIV. 69.
- RADOSLAFF, king of Servia, XXI. 688.

- RADSTOCK, town, England, XXII. 258.
 RADULA, or Lingual Ribbon, in molluscs, XVI. 640.
 RADUL BAZARABA, voivode of Walachia, XXI. 17.
 RADUL NEGRU, voivode of Walachia, XXI. 16.
 RADZIEJEWO, town, Russian Poland, XXIV. 375.
 RADZIVILLOFF, town, Russia, XXIV. 282.
 RADZIWILL BIBLE, Polish, XIX. 301.
 RADZYMIN, town, Russian Poland, XXIV. 375.
 RAE, John, Arctic explorer, x. 193; XIX. 320, 321.
 RAEBURN, Sir Henry, Scottish painter, XX. 218; XXI. 441.
 RAFF, Joseph Joachim, Swiss musical composer, XX. 219.
 RAFFAELLE, or Raphael (*q.v.*), Italian painter, XX. 274; II. 438.
 RAFFLE, lottery, XV. 11.
 RAFFLES, Sir Thomas Stamford, English administrator, XX. 219.
 RAFFLESIA, parasitic plant, XVIII. 265.
 RAFN, Carl Christian, Danish archaeologist, XX. 220; on the discovery of America, I. 706.
 RAFT, floating platform, XXI. 804; Rhine rafts, XX. 520.
 RAGATZ, watering-place, Switzerland, XX. 220; XXI. 169; mineral water of, XVI. 433.
 RAG-FALLOWING, in agriculture, I. 355.
 RAGGED SCHOOLS, Pleas for, by Guthrie, XI. 337.
 RAGHUVANÇA, Sanskrit poem, XIII. 829.
 RAGLAN, Lord, English general, XX. 220.
 — CASTLE, Monmouthshire, England, XVI. 754.
 RAGMAN ROLLS, English records, XX. 220.
 RAG-PAPER, XVIII. 218.
 RAGSTONE, mineral, XII. 134.
 —, in architecture, II. 471.
 RAGUSA, town, Austria-Hungary, XX. 221; republic of, XXIV. 270; literature of, XXI. 690.
 —, town, Sicily, XX. 221.
 —, Duke of (Marmont), marshal of France, xv. 558.
 RAHAD, river, Africa, XVII. 507.
 RAHBK (Knud Lyne), Danish novelist, VII. 91.
 RAHEL, wife of Varnhagen von Ense, XXIV. 91.
 RAHENG, town, Siam, XXI. 853.
 RAHGUN, port, Algeria, XXIII. 422.
 RAHHANWIN, people, Central Africa, XXII. 256.
 RAHMAN, divine name, in the Koran, XVI. 603.
 RAHWAY, town, New Jersey, U.S.A., XX. 222.
 RAI, or Raja, genus of fishes, XX. 299; XXIII. 314.
 RAIATEA, island, South Pacific, XXIII. 22.
 RAI BARELI, district and town, India, XX. 222.
 RAIBOLINI, Francesco, Italian painter, IX. 688.
 RAICH, Servian historian, XXI. 690.
 RAIKES, Robert, founder of Sunday schools, XX. 222.
 RAIL, bird, XX. 222.
 RAILS, for railways, XX. 224, 241; testing of, XIII. 354; for tramways, XXIII. 507.
 RAILWAY, RAILWAYS, XX. 223; Stephenson's promotion of, XXII. 537; their service to agriculture, I. 305; bridges for, IV. 285; locomotives for, XXII. 498, 520; in Europe, VIII. 709; battle of the gauges, IV. 397; laws relating to, XX. 250; use of, in war, XXIV. 349; electric, XXIII. 495.
 — SAVINGS BANKS, XXI. 330.
 — TRANSPORT ARMY CORPS, XXIV. 295.
 RAIMBACH, Abraham, English line-engraver, XX. 255.
 RAIMONDI, Marcantonio, Italian engraver, xv. 530; VIII. 441.
 RAIMONDO, Father, on St Catherine of Siena, v. 230.
 RAIN, XVI. 128, 150, 180; XXIV. 398; in country and town, III. 35; geological action of, x. 267; on St Swithun's day, XXII. 775; luminous, XXIII. 329.
 RAINBAND, in spectroscopy, XX. 255.
 RAINBOW, XI. 399; theory of, XIV. 595, 597.
 RAINFALL, XVI. 128, 150, 180; its influence on climate, VI. 6; in relation to water-supply, XXIV. 402; heaviest in the world, XIV. 58; of Himalayas, XI. 830.
 RAINGAUGE, for measuring rainfall, XX. 256.
 RAINIER, Mount, Washington Territory, U.S.A., XXIII. 800.
 RAINIERI (Pope Paschal II.), XVIII. 339.
 RAIN-WATER, XXIV. 398.
 RAIPUR, district and town, India, XX. 257.
 RAIS, or Retz, Gilles de, marshal of France, XX. 258.
 RAISED BEACHES, in geology, x. 256.
 RAISINS, fruit, XX. 258.
 RAJA, or Rajah, Indian title, XX. 259; XXIII. 418.
 RAJAMAHENDRI, or Rajahmundry, town, India, XX. 259.
 RAJAPALAYAM, town, India, XXIII. 405.
 RAJA SAHIB, at siege of Arcot, II. 478.
 RAJA TARANGINE, metrical history of Kashmir, XIV. 13.
 RAJESHAYE (Rajshahi), district, India, XX. 261.
 RAJ GURU, Nepalese high priest, XVII. 342.
 RAJMALA, Bengali chronicle, XI. 820.
 RAJPORE, town, India, XXIII. 673.
 RAJPUTANA, country, India, XX. 259.
 RAJPUTS, Indian race, XII. 746, 781.
 RAJSHAHI, district, India, XX. 261.
 RAKAS TAL, lake, Tibet, XXIII. 340.
 RAKE'S PROGRESS, Hogarth's engravings, XII. 48.
 RAKKA, town, Mesopotamia, XVI. 48.
 RAKOCZY, Hungarian family, XX. 261.
 —, George, governor of Transylvania, XX. 261; XII. 370.
 RALAHINE, Ireland, Owen's community at, XVIII. 88.
 RALEIGH, town, North Carolina, U.S.A., XX. 261.
 —, Sir Walter, English admiral and courtier, XX. 262; his introduction of the potato, XIX. 594; of tobacco, XXIII. 423; Cecil's relations with, v. 283.
 RALIK, island, Pacific Ocean, XVI. 257.
 RALLUS, genus of birds, XVII. 722; XX. 222.
 RALPACHEN, Tibetan king, XXIII. 345.
 RALPH ROYSTER DOYSTER, Udall's comedy, XXIII. 716.
 RAM, of a warship, XVII. 285.
 —, Hydraulic, XII. 532.
 RAMADAN, Mohammedan fast, IX. 49; XVI. 553.
 RAMAN, district, Malay Peninsula, xv. 322.
 RAMANAND, Hindi writer, XI. 844.
 RAMANUJA, Hindu philosopher, XXI. 290.
 RAMA'S BRIDGE, sandbanks, Ceylon, I. 140.
 RAMAYANA, Sanskrit epic, XXI. 280.
 RAMBAM (Maimonides, *q.v.*), Jewish writer, xv. 295.
 RAMBAN, Jewish commentator, XX. 264.
 RAMBLER, Johnson's, XIII. 723; XVIII. 537.
 RAMBOUILLET, town, France, XX. 264.
 —, Marquise de, French savant, XX. 264.
 RAM DAS, Sikh ruler, India, XX. 110.
 RAMEAU, Jean Philippe, French musical composer, XX. 265; XVII. 91.
 RAMÉE, Pierre de la, French logician, XX. 268.
 RAMERSDORF, suburb of Munich, XVII. 24.
 RAMESES, of Scripture, district and town, Egypt, XX. 265.
 — I., king of Egypt, VII. 738.
 — II., of Egypt, VII. 739, 779; XXI. 693.
 RAMESEUM, temple of Rameses II., Egypt, VII. 779.
 RAMESWARAM, island, Ceylon, XX. 266.
 RAMGALIS, tribe, Kafiristan, Asia, XIII. 822.
 RAMGANGA, river, India, XVII. 572.
 RAMIE, Malay plant, XX. 506.

- RAMILLIES, Belgium, Battle of (1706), III. 126; IX. 582; XV. 554.
- RAMIRO I.-III., kings of Leon, XXII. 311.
- RAMIZ, river, Peru, XVIII. 673.
- RAMLER, Karl Wilhelm, German poet, X. 534.
- RAMMELSBURGITE, mineral, XVI. 391.
- RAMMOHUN ROY, or Ram Mohan Rai, founder of Brahma Somaj, India, IV. 200; XXI. 34.
- RAMNA, teak forest, India, XXI. 146.
- RAMNAD, town, India, XV. 192.
- RAMNES, early Roman tribe, XX. 732.
- RAMO-CHHE, or Ra Mochay, Buddhist temple, Lhasa, Tibet, XIV. 228, 499.
- RAMOLINO, Letitia, mother of Napoleon I., XVII. 192.
- RAMON DE LA CRUZ, Spanish dramatist, XXII. 361.
- RAMORANTIN, town, France, XIV. 809.
- RAMPART, in fortification, IX. 422.
- RAMPHASTES, genus of birds, XXIII. 477.
- RAMPION, vegetable, XII. 287.
- RAMPUR, state, India, XX. 266; town, XX. 266; XXII. 78.
- BEAULEAH, town, India, XX. 261.
- RAMRI, island, Burmah, XIV. 162.
- RAMSAY, Allan (1686-1758), Scottish poet, XX. 266; XVIII. 347; his collection of ballads, III. 283.
- , Allan (1713-1784), Scottish portrait-painter, XX. 267.
- , Andrew Michael (Chevalier Ramsay), French writer, XX. 267.
- , David, American historian, XX. 267.
- , John, penman of Barbour's Bruce, III. 366.
- , William, on the chemistry of smells, XXII. 167.
- RAMSDEN, Jesse, English philosophical instrument maker, XX. 267; his electric machine, VIII. 100; his graduating machine, XI. 29.
- RAMSES I., Egyptian king, VII. 738.
- II., Egyptian king, VII. 739; XXI. 693; temple of, VII. 779.
- RAMSEY, town, Isle of Man, XV. 453.
- RAMSGATE, town, England, XX. 268.
- RAMUS, Jonas, Norwegian writer, XVII. 590.
- , Peter, French logician, XX. 268; XIV. 791, 803; his logical system, XIV. 803.
- RAMUSIO, family of Italian savants, XX. 269.
- , Gian Battista, Italian geographer, XX. 269; biographer of Marco Polo, XIX. 406.
- RAN, or Runn, morass, Cutch, India, VI. 730.
- RANA, Indian title, VII. 147.
- , genus of Amphibia, I. 753, 764; IX. 795.
- RANA BAHADUR, king of Nepal, XVII. 344.
- RANAPUR, or Ranpur, state, India, XX. 272.
- RANAU, lake, Sumatra, XXII. 638.
- RANAVALONA I.-II., queens of Madagascar, XV. 174.
- RANCÉ, Armand Jean le Bouthillier de, reformer of Trappists, XXIII. 523.
- RANDELL, Mr, his experiments with burnt clay as manure, I. 352.
- RANDERS, town, Denmark, XX. 271.
- RANDOLPH, earl of Moray, XXI. 489.
- , Edmund, American politician, XXIII. 748.
- , John, American statesman, XX. 271.
- , Thomas, English poet, XX. 271.
- RANDON, Jacques Louis C. A., French general, I. 569.
- RANDSFJORD, lake, Norway, XVII. 576.
- RANENBURG, town, Russia, XXI. 116.
- RANGABÉ, Alexander Rizos, modern Greek poet, XI. 152.
- RANGE, of guns, XI. 301.
- , of voice, XXIV. 275.
- , Close, fireplace, XXII. 579.
- , Lough, Killarney, XIV. 76.
- RANGEFINDER, in gunnery, XXIII. 126.
- RANGELY, lake, Maine, U.S.A., XV. 298.
- RANGKUL, lake, Central Asia, XVIII. 103.
- RANGOON TOWN, district, British Burmah, XX. 271; town, XX. 272.
- RANGPUR, district and town, India, XX. 272.
- RANIERI, Antonio, Neapolitan writer, XIV. 465.
- RANIGANJ, coalfield in Bardwan, India, III. 371, 568; XII. 737.
- RANJIT SINGH, Sikh ruler, India, XIV. 215; XX. 111.
- RANK, Order of, XIX. 660; titles of, XXIII. 417.
- RANKE, Leopold, German historian, X. 544; as church historian, V. 766.
- RANKEN, W. H. L., on the geology and climate of Australia, III. 107, 109.
- RANKIN, Thomas, American Methodist, XVI. 191.
- RANKINE, William John Macquorn, Scottish writer on engineering, XX. 272; on steam power, XXII. 478, 482; on velocity of sound, I. 103.
- RANNOCH, Loch, Scotland, XIV. 217; XVIII. 666.
- RANOCCHIA, stone, XXI. 682.
- RANPUR, state, India, XX. 272.
- RANSOME'S CONCRETE STONE, VI. 243.
- RANUCI, Rolando (Pope Alexander III.), I. 486.
- RANUNCULUS, plant, XX. 272; XII. 252, 259.
- RANZANI, Camillo, on birds, XVIII. 14.
- RAOUL ROCLETTE, Désiré, French archæologist, XX. 273.
- RAOUX, Jean, French painter, XX. 273.
- RAPANUI, island, South Pacific, XX. 273.
- RAPE, crime, XV. 780.
- , plant, I. 383; XX. 273.
- CAKE, XVII. 744; as manure, I. 349.
- OF GANYMEDE, Greek sculpture, XIV. 454.
- OF THE LOCK, Pope's poem, XIX. 484.
- OF THE SABINES, VIII. 619.
- OIL, XX. 273; XVII. 744.
- RAPHAEL, the angel, XX. 274.
- (Raphaël Sanzio), Italian painter, XX. 274; as architect, II. 438; cartoons of, V. 165; as fresco painter, IX. 774; his connexion with Marcantonio, XV. 531.
- RAPHAEL'S BIBLE, series of paintings, XIX. 113.
- RAPHELENGIUS (Francis van Ravelinghen), Flemish printer, XIX. 177.
- RAPIER, sword, IX. 69; XXII. 802.
- RAPIN, Paul de, French historian of England, XX. 283.
- RAPOPORT, Solomon Juda, Jewish writer, XIII. 682.
- RAPPEE, snuff, XXIII. 427.
- RAPPERSWYL, town, Switzerland, XXI. 169.
- RAPTI, river, India, XVII. 572.
- RAQUETS (Rackets), game, XX. 209.
- RARATONGA, island, South Pacific, VI. 331; Williams's mission to, XXIV. 586.
- RARITAN, river, New Jersey, U.S.A., XVII. 396.
- RASGRAD, town, Bulgaria, XX. 283.
- RASHBA, Jewish rabbins, XX. 283.
- RASHBAM, Jewish Talmudist, XX. 283.
- RASHI, Jewish rabbi, XX. 284.
- RASHID BILLAH, caliph, XVI. 588.
- RASHT, town, Persia, XX. 285; XVIII. 628.
- RASK, Rasmus Christian, Danish philologist, XX. 286; VII. 93; XI. 200; XXI. 368.
- RASKOLNIKS, Russian Nonconformists, XVII. 504; XXI. 81, 105.
- RASOHERINA, queen of Madagascar, XV. 174.
- RASORI, Giovanni, Italian physician, XV. 814.
- RASP, coarse file, IX. 160.
- RASPBERRY, plant and fruit, XIII. 276.
- RASPE, Henry, landgrave of Thuringia, X. 491.
- , Rudolf Erich, author of Munchausen, XVII. 23.
- RASSE, carnivorous mammal, V. 797; XV. 436.
- RASSELAS, by Johnson, XIII. 724.
- RASTALL, John, English printer, XX. 287.
- RASTATT, or Rastadt, town, Germany, XX. 286; congress of (1797), III. 131; VI. 270.

- RASTELL, John, English printer and writer, XX. 287.
 —, John, English Jesuit, XX. 287.
 —, William, English printer and judge, XX. 287.
 RASTISLAUS, Moravian chief, X. 480; XVI. 811.
 RASTRICK, town, England, XX. 287.
 RASZYN, Poland, Battle of (1809), XXIV. 376.
 RAT, rodent mammal, XX. 287; XV. 419; XVII. 5; water-rat, XXIV. 277.
 RATAFIA, essence, XX. 288; as liqueur, V. 586; XIV. 686.
 RATAK, island, Pacific Ocean, XVI. 257.
 RATAN, cane, IV. 805.
 RATE, of time or space, XV. 748.
 RATEL, carnivorous mammal, XX. 288; XV. 440.
 RATHENOW, town, Prussia, XX. 288.
 RATHKE, Martin Heinrich, German anatomist and physiologist, XXIV. 808.
 RATHKEALE, town, Ireland, XIV. 649.
 RATHLIN, island, Ireland, II. 142; XIII. 216.
 RATIBOR, town, Prussia, XX. 288.
 RATICHUS (Wolfgang Ratke), German educationist, VII. 673.
 RATIO, in geometry, X. 382, 390.
 RATIONALISM, theological tendency, XX. 289; in Germany, II. 192.
 RATISBON, town, Bavaria, XX. 291; libraries of, XIV. 527, 547; conference of (1541), V. 415.
 RATIÆ, class of birds, III. 699; XVIII. 19.
 RATKE, Wolfgang, German educationist, VII. 673.
 RATLAM, state, India, XX. 292.
 RATNAGIRI, district and town, India, XX. 292.
 RATON, mountains, New Mexico, U.S.A., XVII. 399.
 RATRAMN, treatise by Erigena, VIII. 371.
 RATRAMNUS, theological controversialist, XX. 292.
 RAT SNAKE, XXII. 194.
 RATTAZZI, Urbano, Italian statesman, XX. 292; XIII. 488, 491.
 RATTLESNAKE, XX. 293; XXII. 198.
 RATTOO, Round tower of, Kerry, Ireland, XIV. 52.
 RATTRAY, town, Scotland, XVIII. 667.
 RATUMA (Rouen), ancient town, France, XXI. 12.
 RAU, Karl Heinrich, German political economist, XX. 293; XIX. 387.
 RAUCH, Christian Daniel, German sculptor, XX. 294; XXI. 566.
 RAU-CROIX (Rocroi), town, France, XX. 616.
 RAUDEN, district, Switzerland, XXI. 386.
 RAUDII CAMPI, Italy, Battlefields of (218 and 101 B.C.), XXIV. 164.
 RAUHE ALB, mountains, Württemberg, XXIV. 699.
 RAUMA, river, Norway, XVII. 575.
 RAUMER, Friedrich Ludwig Georg von, German historian, XX. 294.
 RAUPACH, Ernst Benjamin Salomo, German dramatist, XX. 295.
 RAVAILLAC, François, assassin of Henry IV. of France, XX. 295; IX. 566.
 RAVELIN, in fortification, IX. 445.
 RAVELLO, Italy, Sculpture in cathedral of, XXI. 567.
 RAVEN, bird, XX. 295.
 RAVENNA, town, Italy, XX. 296; as Gothic capital of Italy, XIII. 467; battle of (1512), XIII. 481; XIV. 450; basilicas of, III. 415, 418; mosaics of, XVI. 852; sculptures at, XXI. 556; round tower of, XXI. 22.
 RAVENSARA NUT, XVII. 665.
 RAVENSBURG, town, Württemberg, Germany, XX. 297; population, XXIV. 701.
 RAVENSHAW, J. A., on the ruins of Gaur, India, X. 115.
 RAVENSWOOD, Queensland, Silver mines at, XX. 173.
 RAVI, river, Punjab, India, XX. 107.
 RAVICZ (Rawitsch), town, Prussia, XX. 298.
 RAWAL PINDI, district and town, India, XX. 298.
 RAWANDIS, Persian sectaries, XVI. 579.
 RAWDON, Francis, marquis of Hastings, XI. 516.
 RAWITSCH, town, Prussia, XX. 298.
 RAWLEY SPRINGS, Virginia, U.S.A., XVI. 436.
 RAWLINS, town, Wyoming, U.S.A., XXIV. 713.
 RAWMARSH, town, England, XX. 298.
 RAWTENSTALL, town, England, XX. 298.
 RAWUL PINDEE (Rawal Pindi), district and town, India, XX. 298.
 RAY, fish, XX. 299; XII. 686.
 —, John, English naturalist, XX. 300; XVI. 838; on birds, XVIII. 4; as botanist, IV. 79; as ichthyologist, XII. 631; on reptiles, XX. 433; his contributions to zoology, XXIV. 804.
 RAYATS, or Ryots, class of agriculturists, India, XII. 770; XV. 289.
 RAYLEIGH, Lord, on the theory of spectroscopy, XXII. 374.
 RAYMOND IV., count of Toulouse, crusader, VI. 624; IX. 538; XXIII. 486.
 — VI., count of Toulouse, defender of the Albigenes, I. 454; IX. 541; XIV. 288; XXIII. 486.
 — III., count of Tripoli, XXIII. 161.
 — of Sabunde, theologian, XX. 301.
 —, Henry J., American journalist, XVII. 435.
 — DU PUY, master of the Knights Hospitallers, XXI. 174.
 RAYNAL, Guillaume Thomas François, French writer, XX. 302; IX. 668; as journalist, XVII. 424.
 RAYS, of light, XIV. 578; optical properties of, XVII. 798.
 RAZIN, Stenka, Russian rebel, XXI. 96.
 RAZOR, in cutlery, VI. 734; hone for, XII. 134.
 RAZOR-BACK, cetacean mammal, XV. 395.
 RAZORBILL, bird, XX. 302; X. 78; XXII. 120.
 RAZOUMOFFSKIN, mineral, XVI. 424.
 RAZZI, Giannantonio (Sodoma), Italian painter, XXII. 245.
 RBAT (Rabat), town, Morocco, XX. 192; XVI. 831.
 RÉ, Isle of, France, XX. 302; battle of, IV. 419.
 READE, Charles, English novelist, XX. 302.
 READING, town, England, XX. 303.
 —, town, Pennsylvania, U.S.A., XX. 304.
 — CLAY BEDS, in geology, X. 361.
 READING-ROOMS, in libraries, XIV. 537.
 READINGS, in law studies, XIII. 88.
 REALEJO, town, Nicaragua, XX. 304; XVII. 477.
 REAL ESTATE, in law, XX. 304; disposition of, by will, XXIV. 571, 573; inheritance of, XIII. 78; sale of, XXI. 206.
 REALGAR, mineral, II. 635; XVI. 394; yellow, XVIII. 51.
 REAL-GENETIC METHOD, in theology, Beck's, VII. 337.
 REALI DI FRANCIA, romance, XX. 651.
 REALISM, Scholastic, XXI. 419, 423.
 REALITY, in psychology, XX. 55; in metaphysic, XVI. 81; in Hegelianism, XI. 618.
 REAMER, mining implement, XVI. 443.
 REAPING-HOOK, XXI. 574.
 REAPING-MACHINE, I. 322.
 REASON, in relation to the Logos, XIV. 804; to religious truth, XXIII. 263; II. 232; Condillae's theory of, VI. 250; in Comte's philosophy, VI. 236; Cousin on, VI. 525; Kant's Kritik, XIII. 850; Peripatetic theory, XVIII. 545; Schopenhauer's theory, XXI. 449, 451; Stoic doctrine, XXII. 566, 568.
 REASONABLENESS OF CHRISTIANITY, Locke's work, XIV. 757.
 REASONING, Logical, XIV. 783; Locke on, XIV. 760.
 REATE, Sabine town, Italy, XXI. 129.
 REATINES, Italian people, XX. 552.
 RÉAUMUR, René Antoine Ferchault de, French physicist, XX. 308; his thermometric scale, XXIII. 289.
 REBATE, in law, I. 5.
 REBEC, musical instrument, XXIV. 242.
 REBECCA AND ROWENA, Thackeray's burlesque, XXIII. 215.
 REBECCA RIOTS, Wales, V. 115.

- REBER, Balthasar, Swiss poet, XXII. 799.
- REBIA, Arab tribe, Mesopotamia, XVI. 48.
- REBUS, XX. 308.
- RÉCAMIER, Madame, French society-leader, XX. 309.
- RECANATI, town, Italy, XX. 309.
- RECARED, first Catholic king of Spain, XXII. 308.
- RECHABITES, of Scripture, XX. 309; XIII. 407.
- , modern temperance benefit societies, XXIII. 159.
- RECHNA DOAB, district, India, XVI. 789; XX. 107.
- RECIFE, town, Brazil, XVIII. 551.
- RECIPROCALLS, Tables of, XXIII. 8.
- RECITATIVO, in music, XVII. 86.
- RECLAIMING OF WASTE LANDS, I. 402.
- RECLUSE, The, Wordsworth's poem, XXIV. 674.
- RECOARO, spa, Italy, XVI. 434.
- RECOGNIZANCE, in law, XX. 309.
- RECONCILIATION, in theology, XI. 734.
- RECONNAISSANCE, Geographical, in surveying, XXII. 712.
- , Military, XXIV. 363.
- RECORDE, Robert, English mathematician, XX. 310; on algebra, I. 514.
- RECORDER, English judicial officer, VI. 516.
- , flute, IX. 350.
- , of speed in steam engine, XXII. 509.
- RECORDS, Public, of England, XX. 310.
- RECTIFICATION OF THE CIRCLE, XXII. 433.
- RECTOR, of an English parish, XVIII. 296, 327.
- , in universities, XXIII. 833, 835.
- RECTUM, Anatomy of the, VII. 228.
- RECULET, mountain, Switzerland, XIII. 781.
- RECUPERATIO, in Roman law, XX. 686.
- RECURVIROSTRA, genus of birds, XXII. 552.
- RED, Pigments of, XIX. 87.
- REDAK (Rabbi David Kimhi), Jewish grammarian, XIV. 77.
- REDAN, in fortification, IX. 434, 437.
- REDBIRD, Summer, bird, XXIII. 45.
- REDBREAST, bird, XX. 314; migration of, III. 765.
- RED CEDAR, tree, XIII. 774.
- RED CLAY DEPOSITS, of Pacific Ocean, XVIII. 123.
- RED COLOURS, in dyeing, VII. 574.
- RED CROSS KNIGHTS, Templars (*q.v.*), XXIII. 160.
- RED DEER, VII. 23.
- REDDINGITE, mineral, XVI. 405.
- REDDITCH, town, England, XX. 315.
- REDEMPTIONISTS, Order of, IX. 66; XIV. 635.
- REDEMPUS (J. A. Baranzano), Italian scientist, III. 358.
- RED-EYE, fish, XXI. 49.
- RED GUM, skin disease, XXII. 122.
- RED INDIAN LAKE, Newfoundland, XVII. 382.
- RED INDIANS, or American Indians, XII. 822, 830; distribution of, I. 685.
- REDJANGERS, tribe, Sumatra, XXII. 640.
- RED LAKE, Minnesota, U.S.A., XVI. 476.
- REDONDELA, town, Spain, XIX. 455.
- REDONDELHAS, in Portuguese literature, XIX. 556.
- REDONES, Latin tribe in Gaul, XX. 401.
- REDOUBT, in fortification, IX. 434, 438.
- RED RIVER, Canada, XVI. 475; XX. 315.
- RED RIVER, affluent of the Mississippi, U.S.A., XX. 315; XVI. 518; in Texas, XXIII. 203.
- RED RIVER, of Tong-King, XX. 315.
- RED RIVER SETTLEMENT, Canada, XX. 315.
- REDRUTH, town, England, XX. 315.
- REDRUTHITE, mineral, XVI. 391.
- RED SEA, XX. 316; pearl fisheries of the, XVIII. 447; Israel's passage of, XIII. 399.
- REDSHANK, bird, XX. 317.
- RED SPIDER, mite, II. 276; XVI. 529.
- REDSTART, bird, XX. 317.
- REDUCTIO AD ABSURDUM, in logic, I. 59.
- REDUCTION, in arithmetic, II. 534.
- REDUT-KALE, town, Transcaucasia, Russia, XXIII. 514.
- REDWING, bird, XX. 318.
- RED-WING, town, Minnesota, U.S.A., XX. 319.
- REDWOOD, tree, XXI. 673.
- REED, plant, XX. 319.
- , in musical instruments, XI. 483; XVII. 705, 828.
- REED-MACE, plant, XX. 319.
- REED-PHEASANT, bird, XXIII. 419.
- REED-WREN, bird, XXIV. 366.
- REEF, Coral, VI. 377; XVIII. 128; XIX. 420, 421.
- REEFING, of sails, XXI. 599.
- REEL, Scotch, dance, VI. 801.
- REELER, bird, XXIV. 367.
- REES, Abraham, his Cyclopædia, VIII. 196.
- REESE, river, Nevada, U.S.A., XVII. 367.
- REEVE, female of ruff, bird, XXI. 54.
- , Clara, English romance writer, XX. 319.
- , John, Mugglestonian leader, XVII. 12.
- REFECTORY, in architecture, II. 471.
- REFEREE, in law, XX. 319.
- REFERENCES, Judicial, II. 312.
- REFERENDUM, Swiss electoral law, XXII. 796; XXIV. 207.
- REFINING, of sugar, XXII. 627.
- REFLECTING TELESCOPE, XXIII. 145.
- REFLECTOR, Lighthouse, XIV. 618.
- REFLEXION, Locke's use of the term, XIV. 758.
- , of light, XIV. 577, 586, 604; XXIV. 456, 457; laws of, XVII. 798; Newton on, XVII. 440.
- REFLEXION, of sound, I. 106.
- REFORM, Parliamentary, early advocacy of, v. 166.
- ACTS, English, XI. 191; VIII. 365, 367; XVIII. 309; XXI. 64; XXIII. 727.
- REFORMATION, The Protestant, XX. 319; v. 415; its influence on Biblical interpretation, XI. 747; on education, VII. 672; on ethics, VIII. 595; in relation to question of inspiration of Scripture, XIII. 156; influence of the mystics on, XVII. 134; its effect on the popedom, XIX. 504; in relation to the Renaissance, XX. 381, 388, 391; theology of the Reformers, XXIII. 243; in relation to the council of Trent, XXIII. 544; Leo X.'s attitude towards, XIV. 451; Luther's activity in, xv. 72; Melancthon's place in, xv. 833; Zwingli's, XXIV. 832, 833; in England, VIII. 325, 332; XI. 664; in France, IX. 558; in Germany, X. 497; in Ireland, XIII. 263; in Poland, XIX. 291, 301; in Scotland, XIV. 132; XXI. 497, 499, 501; in Sweden, XXII. 747; in Switzerland, XXII. 790.
- REFORMATORY AND INDUSTRIAL SCHOOLS, XX. 338; XIX. 753, 757.
- REFORM BILL. See Reform Acts.
- REFORMED CHURCHES, XX. 339; X. 469; XIX. 676, 698.
- REFORMED CHURCH IN AMERICA, (DUTCH), XX. 339; XIX. 698.
- REFRACTING TELESCOPE, XXIII. 139, 148.
- REFRACTION, of light, XIV. 577, 589, 605; atmospheric, II. 769; conical, XXIV. 450; double, XIV. 609; XXIV. 445, 448; elimination of, in surveying, XXII. 699; optical laws of, XVII. 798, 801; in crystals, VI. 672; XVI. 373.
- , of sound, I. 106.
- REFRACTOR, Cylindric, for lighthouses, XIV. 619.
- REFRANGIBILITY OF LIGHT, Newton on, XVII. 440.
- REFRIGERATED PRESERVED FOOD, XIX. 709.
- REFRIGERATOR MACHINES, XII. 612.
- REGALIA, of England and Scotland, XX. 340; British sceptres, XXI. 385.
- REGALITY, Burghs of, Scotland, IV. 63.
- REGATTAS, boating contests, XXI. 30.
- REGENCY ADMINISTRATION, XX. 340.
- REGENSBURG (Ratisbon, *q.v.*), town, Bavaria, XX. 291.
- REGENT, Position of, as administrator, XX. 340.
- , university officer, XXIII. 835.
- REGENT'S PARK, London, XIV. 824.
- REGGIO, province, Italy, IV. 651.
- , Duke of (Oudinot), French marshal, XVIII. 73.
- DI CALABRIA, town, Italy, XX. 341.
- NELL' EMILIA, town, Italy, XX. 341; university of, XXIII. 836.

- REGIA, building, Rome, XX. 819.
 REGICIDE, The, Smollett's play, XXII. 184.
 REGINALD DALTON, Lockhart's novel, XIV. 763.
 REGIOMONTANUS, German astronomer, XX. 341; II. 751; XVII. 709; his almanacs, I. 591; his contributions to trigonometry, XXIII. 562.
 REGIONES, of ancient Rome, XX. 832.
 REGIS, Pierre Sylvain, Cartesian philosopher, VII. 127.
 REGISTER, in law, XX. 342.
 REGISTERED LETTERS, XIX. 570.
 REGISTER TONNAGE, XXIII. 442.
 REGISTRATION, in law, XX. 342.
 REGIUM (Reggio di Calabria), ancient town, Italy, XX. 341.
 — LEPIDI (Reggio nell' Emilia), ancient town, Italy, XX. 341.
 REGNARD, Jean François, French dramatist, XX. 346; VII. 426.
 REGNAULT, Henri, French painter, XX. 346.
 —, Henri Victor, French chemist, XX. 347; his law of gases, XXII. 480; his experiments on temperature, III. 385.
 —, Jean Baptiste, French painter, XX. 347.
 — DE MONTAUBAN, romance, XX. 652.
 REGNIER, Mathurin, French satirist and poet, XX. 347; IX. 651.
 REGNITZHOFF, town, Bavaria, XII. 43.
 REGNO, The, of Italy, XIII. 469.
 REGULARS, Congregation of, Church of Rome, XX. 629.
 REGULINE ORE, XVI. 58; silver, XXII. 69.
 REGULUS, genus of birds, XIV. 82.
 —, of metals, XVI. 61.
 —, Marcus Atilius, Roman consul, XX. 348.
 REHEARSAL, The, Buckingham's burlesque, VII. 435.
 — TRANSPROSED, The, Marvel's satire, XV. 589.
 REHME, spa, Germany, XVI. 434.
 REHOBOAM, king of Judah, XIII. 406.
 REICHA, Anton Joseph, Bohemian musical writer and composer, XX. 348.
 REICHENAU, islet, Lake of Constance, Baden, XX. 349; library of, XIV. 513.
 REICHENBACH, town, Prussia, XX. 349; battle of (1762), III. 129.
 —, town, Saxony, XX. 349.
 —, waterfall, Switzerland, XXII. 777.
 —, Baron von, German magnetizer, XV. 278.
 —, Georg von, German astronomical instrument-maker, XX. 349.
 —, H. G. L., on birds, XVIII. 13, 17.
 REICHENBERG, town, Bavaria, XX. 349.
 REICHENHALL, watering-place, Bavaria, XX. 349; mineral water of, XVI. 434.
 REICHSRATH, Austrian imperial parliament, III. 122.
 REICHSTADT, Duke of (Napoleon II.), XVII. 226.
 REICHSTAG, German imperial parliament, VII. 199; X. 463.
 —, Hungarian parliament, III. 122.
 REID, Mayue, Irish-American story-writer, XX. 349.
 —, Thomas, Scottish philosopher, XX. 350; his ethics, VIII. 604; on taste and beauty, I. 221; his place in English literature, VIII. 432.
 —, Sir William, Scottish scientist, XX. 352.
 REIFTRÄGER, mountain, Germany, XX. 552.
 REIGATE, town, England, XX. 352.
 REIGN OF TERROR, of French Revolution, IX. 606; XX. 603.
 REIMARUS, Hermann Samuel, German theologian and philosopher, XX. 352, 290; XIV. 481.
 REIMS, or Rheims (*q.v.*), town, France, XX. 507.
 REINALD I.–IV., dukes of Guelderland, XI. 243.
 REINARDUS ET YSENGRINUS, mediæval poem, VIII. 838.
 REINAUD, Joseph Toussaint, French Orientalist, XX. 353.
 REINDEER, ungulate mammal, VII. 24; of Newfoundland, XVII. 383; of Norway, XVII. 581; of Spitzbergen, XXII. 409; extinction of, in Western Europe, II. 336; Lapp method of collecting them, XIV. 305.
 — MOSS, XIV. 560.
 REINEKE VOS (or FUCHS) (Reynard the Fox), German beast-epic, VIII. 838; X. 522, 527; XXI. 319; Goethe's version of, X. 741; Kaulbach's illustrations of, XIV. 17.
 REINE MARGOT (Marguerite de Valois), XV. 539.
 REINHOLD, Karl Leonhard, German philosopher, XX. 353.
 REINITE, mineral, XVI. 403.
 REINKENS, Joseph Hubert, Old Catholic bishop, XVII. 755.
 REIS, Philip, telephonic inventor, XXIII. 127, 128, 130.
 REISCH, George, his Margarita Philosophica, VIII. 193.
 REISKE, Johann Jacob, German, Greek, and Arabic scholar, XX. 354.
 REISSITE, mineral, XVI. 422.
 REITHRODON, genus of rodent mammals, XVII. 6.
 REJ, Polish poet, XIX. 300.
 REJAF, village, on Nile, Africa, XVII. 506.
 REJANG, river, Borneo, XXI. 306.
 REJECTED ADDRESSES, James and Horace Smith's parodies, XXII. 173.
 REKEM (Petra), ancient town, Syria, XVIII. 706.
 REKISVINTH, Gothic king, his code of laws, X. 851.
 RELAND, Adrian, Dutch Orientalist, XX. 355.
 RELAPSE, The, Vanbrugh's play, XXIV. 54.
 RELAPSING FEVER, XXIII. 680; XVIII. 403.
 RELATIVITY, of knowledge, I. 58; psychological law of, XX. 49.
 RELEVANCY, in law, VIII. 738.
 RELICS, Religious, XX. 355; pilgrimages connected with, XIX. 95.
 RELIEF, in sculpture, IX. 205; XVII. 34; XXI. 571.
 —, Photographic, XVIII. 834.
 — CHURCH, Scotland, X. 599; XIX. 685; XXIII. 728.
 RELIGIO MEDICI, Sir Thomas Browne's work, IV. 390.
 RELIGION, RELIGIONS, XX. 358; as object of scientific study, VII. 333; XXIII. 262, 272; origin of, VIII. 622; in relation to evolution, VIII. 766; to metaphysics, XVI. 99; to mythology, XVII. 136; to mysticism, XVII. 129; to rationalism, XX. 289; to socialism, XXII. 219; to totemism, XXIII. 467, 474; ancient, XXIII. 235; of Israel, XIII. 409, 416, 419; modern theistic problems, XXIII. 245; sacrificial, XXI. 132; Stoic doctrine of, XXII. 569; Zoroastrian, XXIV. 822; Hegel's theory of, XI. 621; Herder on, XI. 729; Lord Herbert's works on, XI. 722.
 —, Natural, Hume's Dialogues on, XII. 355.
 — OF NATURE, Wollaston's, XXIV. 633.
 — OF PROTESTANTS, by Chillingworth, V. 625.
 RELIGIOUS TESTS, XXIII. 199.
 RELIGIOUS TRACT SOCIETY, XXIII. 494.
 RELKOVIC, Matthias Anthony, Servian satirist, XXI. 691.
 RELLY, James, American Universalist, XXIII. 831.
 REMAINDER, in law, XX. 372.
 REMAK, Robert, his embryological investigations, VIII. 167.
 REMBANG, town, Java, XIII. 606.
 REMBRANDT (Rembrandt Harmens van Rijn), Dutch painter, XX. 373; XXI. 439.
 REMEDIES, Theory of, in medicine, XV. 796.
 REMEDIUS (Remigius), bishop of Rheims, XX. 378; IX. 528; XXI. 420.
 REMEDY, in coining, XVI. 482, 484.
 REMEMBRANCE, Hamilton's theory of, II. 731.
 REMI, St (Remigius), bishop of Rheims, XX. 378; IX. 528; XXI. 420.
 REMIGIUS, St, bishop of Rheims, XX. 378; IX. 528; as scholastic philosopher, XXI. 420.
 REMIJIA, genus of plants, XX. 186.
 REMIREMONT, town, France, XX. 379.
 XXV. — 47

- REMONSTRANTS, party of Dutch Protestants, XX. 379; II. 552; XII. 78.
 —, in Scottish history, XXI. 514.
- REMONTOIRE, clock, VI. 27.
- REMSCHIED, town, Rhenish Prussia, XX. 379.
- REMUS, brother of Romulus, XX. 840.
- RÉMUSAT, Abel, French Chinese scholar, XX. 379.
 —, Charles François Marie, Comte de, French politician and man of letters, XX. 379.
 —, Claire Elizabeth J. G., French writer, XX. 379.
 —, Paul de, French writer, XX. 380.
- RENAISSANCE, XX. 380; in architecture, II. 436; relations of, to Catholicism, XIV. 451; coins of, XVII. 654; its effect on Italian literature, XIII. 506; Latinity of, XIV. 342; its influence on the Reformation, XX. 323; its influence in Rome, XX. 805; theism of, XXIII. 243; Petrarch's place in, XVIII. 709.
- RENAIX, town, Belgium, XX. 394.
- RENAL COLIC, disease, VI. 140.
- RENAN, Ernest, his view of Christ, II. 191; XIII. 670, 672.
- RENATO, Camillo, Italian mystic, XXII. 228.
- RENAUDIE, Godefroi de Barri, Seigneur de la, French conspirator, IX. 560.
- RÉNAUDOT, Eusèbe, French theologian and Orientalist, XX. 394.
 —, Théophraste, French publicist, XVII. 412, 423.
- RENDSEBURG, town, Prussia, XX. 394.
- RENÉ I., duke of Anjou, count of Provence, and king of Naples, XX. 394; II. 58; XV. 536; XIX. 878.
- RENEGADO, Massinger's play, XV. 619.
- RENERY, Henri, early Cartesian philosopher, VII. 119.
- RENFREW, county, Scotland, XX. 395; town, XX. 396.
- RENI, Guido, Italian painter, XX. 396; XXI. 437, 443.
- RENNEL, island, Solomon group, South Pacific, XXII. 252.
- RENNELL, James, English geographer, XX. 398; his survey of India, X. 188; on the geography of Herodotus, I. 245.
- RENNELL'S CURRENT, in Atlantic, III. 20.
- RENNES, town, France, XX. 401.
- RENNET, for cheese making, V. 455; VI. 771.
- RENNIE, James, on ornithology, XVIII. 15, 18.
 —, John, Scottish engineer and architect, XX. 402; his design for London Bridge, IV. 334.
 —, Sir John, English engineer, XX. 402.
- RENO, river, Italy, XIII. 436.
- RENT, in law, XX. 402; taxes on, XXIII. 87; in relation to value, XXIV. 50; Richard Jones's theory, XIX. 377; Ricardo's theory, XIX. 374; XX. 533; Adam Smith on, XIX. 367; ground rent, XX. 403.
- RENT CHARGE, on land, England, XIV. 275.
- RENWICK, James, Scottish martyr, XXI. 517.
- REPEATING WATCH, XXIV. 397.
- REPHAIM, of Scripture, I. 747; III. 410.
- REPLEVIN, in law, XX. 404; writ of, XXIV. 695.
- REPORTING, Newspaper, XX. 404; short-hand, XXI. 841.
- REPOUSSÉ, metal-work, XVI. 72; XIX. 179; Japanese, XIII. 591.
- REPRESENTATION, Parliamentary, British, XX. 344.
- REPRESENTATIVE GOVERNMENT, XI. 12; XVIII. 302; John Stuart Mill's treatise on, XVI. 313.
- REPRESENTATIVES, House of, United States, XXIII. 749.
- REPRODUCTION, Animal, XX. 407; III. 686; theories of, XXI. 723; of Crustacea, VI. 642; of Mollusca, XVI. 682; of Protozoa, XIX. 836; of sponges, XXII. 424.
 —, Vegetable, XX. 423; IV. 119; arrest of growth by, XXIV. 84; of Diatomaceæ, VII. 170; of Fungi, IX. 829.
- REPRODUCTIVE ORGANS, their liability to disease in obsolescence, XVIII. 383; of animals, XX. 408; of birds, III. 727; of fishes, XII. 660; of mammals, XV. 368; of molluscs, XVI. 637, 682; of reptiles, XX. 462; in plants, XX. 424. See also Generation.
- REPSOLD, Johann Georg, German instrument-maker, XX. 432; his micrometer and heliometers, XVI. 246, 253; his telescopes, XXIII. 150.
- REPTANTIA, section of Mollusca, XVI. 648.
- REPTILES, or Reptilia, division of animal kingdom, XX. 432; analogies between them and birds, XVIII. 42; XXI. 323; mimicry in, XVI. 342; olfactory organs of, XXII. 166; skeleton of, XXII. 106; taxidermy of, XXIII. 90; in Lankester's classification, XXIV. 812; works on development of, VIII. 168.
- REPTON, England, Crypt of church at, VI. 668.
- REPUBLIC, ancient Roman, XX. 735.
 —, Plato's treatise, XIX. 203.
- REPUBLICAN, river, Nebraska, U.S.A., XVII. 307.
 — PARTY, in United States, XXIII. 757, 771.
- REPUDIATION OF DEBT, National, XVII. 245.
- REPULSION, in magnetism, XV. 221.
- REQUENA, town, Spain, XX. 473.
- REREDOS, in architecture, II. 471; position of, I. 641.
- RESBY, James, Scottish martyr, XXI. 491.
- RESCHT (Rasht), town, Persia, XX. 285; XVIII. 628.
- RESCRIPTS, Imperial, in Roman law, XX. 705.
- RESEDA, genus of plants, XVI. 289.
- RESENDE, André de, Portuguese scholar, XIX. 557.
 —, Garcia de, Portuguese writer, XIX. 556.
- RESERVATION, Mental, in Liguorianism, XIV. 638.
- RESERVATIONS, Indian, XII. 830, 833.
- RESERVE, Naval, of Great Britain, XVII. 296.
- RESERVES, of British army, II. 581.
- RESERVOIR, for water-supply, XII. 479; XXIV. 405.
- RESETTING, in law, XXIII. 233.
- RESHAL, Jewish rabbi, XX. 473.
- RESHID, Ottoman writer, XXIII. 657.
 — PASHA, Turkish minister, XXIII. 651.
- RESIDUAL ANALYSIS, Landen's theorem of, XIV. 271.
- RESILIENCE, of matter, VII. 808; XXII. 602.
- RESIN, RESINS, XX. 474; IV. 88; XI. 276; XVI. 428; copal, VI. 342; dammar, VI. 795; frankincense, IX. 709; lac, XIV. 181; XXIV. 91; for gas-making, X. 100.
- RESINA, town, Italy, XX. 474.
- RESISTANCE, in mechanics, XV. 750.
- RESOLUTIONERS, of Scottish Church, XIX. 683; XXI. 514.
- RESONATOR, Musical, XVII. 105.
- RESORCIN, derivative of benzol, XVIII. 855.
- RESPIRATION, XX. 474.
- RESPIRATOR, for cutlers and firemen, IX. 170.
- RESPIRATORY ORGANS, XX. 475; their connexion with blood circulation, XXIV. 102, 108; of Amphibia, I. 766; of birds, III. 726; of crustaceans, VI. 640; of fishes, XII. 656; of mammals, XV. 365; of reptiles, XX. 458.
- RESTAUD, Sophie (Sophie Cottin), French writer, VI. 481.
- RESTIF, Nicolas Edme, French writer, XX. 486.
- RESTIGOUCHE, river, New Brunswick, XVII. 373.
- RESTORATION, The, in England, VIII. 348; Monk's share in, XVI. 752; parliament after, XVIII. 308.
- RESTOUT, Jean, French painter, XX. 487.
 —, Jean Bernard, French painter, XX. 487.
- RESTRICTION, in psychology, XX. 46.
- RESULTANT TONES, in music, XVII. 93.

- RESURRECTION, of the dead, VIII. 535; in Jewish and Christian apocalyptic, II. 175; XVI. 56, 315; XX. 597; St Paul's doctrine of, XVIII. 426.
- , of Jesus Christ, XIII. 669; Gospel accounts of, X. 805, 811, 840.
- RETENTIVENESS, in psychology, XX. 46.
- RETFORD, East, town, England, XX. 487.
- RETHEL, Alfred, German painter, XX. 487.
- RETICULARIA, class of Protozoa, XIX. 845.
- RETIMO, town, Crete, VI. 572.
- RETINA, of the eye, I. 888; VIII. 817, 821.
- RETINASPHALT, mineral, XVI. 428.
- RETINITE, mineral, XVI. 428.
- RETINITIS, eye disease, XVII. 784.
- RETINOSCOPY, in ophthalmology, XVII. 787.
- RETORSION, in international law, XIII. 194.
- RETORT, for distillation, VII. 262; of platinum, XXII. 637.
- RETREAT OF THE TEN THOUSAND (401 B.C.), XI. 103; XXIV. 720.
- RETROPINNA, genus of fishes, XXI. 221, 224.
- RETTING, of flax, IX. 294.
- RETURNS, Government, statistical, XXII. 464.
- RETZ, Cardinal de, French writer and politician, XX. 488; IX. 572.
- (Rais), Gilles de, marshal of France, XX. 258.
- RETZIUS, Andreas, on American Indians, XII. 821.
- REUBEN, son of Jacob, XX. 489.
- , Tribe of, XIII. 401; XVIII. 176.
- REUCHLIN, John, German humanist, XX. 489; his attitude towards the Reformation, XX. 325; his influence in the German Renaissance, XX. 388; on the Kabbalah, XIII. 813.
- RÉUNION, island, Indian Ocean, XX. 491.
- RÉUS, town, Spain, XX. 493.
- REUSS, German principalities, XX. 493.
- , river, Switzerland, XXII. 776.
- , or Réus, Count de (Juan Prim), Spanish statesman, XIX. 732.
- , Edward, on the Pentateuch, XVIII. 508.
- REUSSINE, mineral, XVI. 402.
- REUTER, Fritz, Platt Deutsch writer, XX. 494; as poet, XVIII. 348.
- , Julius, German news-agent, XVII. 413.
- REUTLINGEN, town, Württemberg, Germany, XX. 495; population, XXIV. 701.
- REUTLINGER, Susanna, second wife of Kepler, XIV. 47.
- REVAL, town, Russia, XX. 495.
- , Nicolas, Hungarian writer, XII. 377.
- REVDINSK, town, Russia, XVIII. 550.
- REVEL (Reval), town, Russia, XX. 495.
- REVELATION, Divine, II. 190; XIII. 154; Christianity as religion of, v. 691; Bible as record of, III. 634; v. 691; in nature, XXIII. 264; by oracle, XVII. 808; in relation to rationalism, XX. 289; II. 232; to theology, XXIII. 261; in Neoplatonism, XVII. 333; Critique of, by Fichte, XI. 134.
- , Book of, New Testament, XX. 496; XIX. 823.
- REVELGANJ, town, India, XXI. 304.
- REVENUE, National, IX. 171; per head, XVII. 247.
- REVEREND, title, XXIII. 418.
- REVERSIBILITY, Principle of, in wave theory of light, XXIV. 426.
- REVERSION, in animal descent, XXI. 788.
- , in law, XX. 372.
- REVERSIONARY ANNUITIES, II. 84.
- REVTMENT, in fortification, IX. 428, 445.
- REVIEWS, periodical literature, XVIII. 536.
- REVIVAL OF LEARNING, XX. 380.
- REVOLT OF ISLAM, Shelley's poem, XXI. 793.
- REVOLUTION, of the planets, II. 782.
- , of the earth, its geological effects, X. 216.
- , of 1688, in England, VIII. 351.
- , French, of 1789, IX. 596; its influence on England, VIII. 360; on Germany, X. 504; French, of 1830, IX. 619; French, of 1848, IX. 621.
- REVOLVER, firearm, XI. 285; Colt's, VI. 166.
- REVUE DES DEUX MONDES, French periodical, IX. 680; XVIII. 540; XXI. 164.
- REX, Roman ruler, XX. 732.
- REWAH, state, India, XX. 501; town, XX. 502.
- REWARI, subdivision of Gurgáon, India, XI. 332; town, XI. 332.
- REYBAZ, collaborator with Mirabeau, XVI. 497.
- REYER, Ida Laura (Madame Pfeiffer), traveller, XVIII. 726.
- REYKJAVIK, town, Iceland, XII. 619.
- REYNARD THE FOX, mediæval fable, VIII. 838; IX. 641; X. 522, 527, 741; XIV. 17; XX. 659; XXI. 319; Kaulbach's illustrations of, XIV. 17.
- REYNAUD, Jean, expounder of Druidism, VII. 479.
- REYNES, John, bookbinder to Henry VIII., IV. 42.
- REYNOLDS, Sir Joshua, English painter, XX. 502; XXI. 441; his colouring, XVIII. 139.
- REYNOLDS'S WEEKLY NEWSPAPER, XVII. 419.
- REZANI, people, Italy, XXII. 150.
- REZZONICO, Carlo (Pope Clement XIII.), v. 823.
- RHA, rhubarb, XX. 529.
- RHABDITES, structures in planarian worms, XIX. 170.
- RHABDITIS, genus of nematode worms, XVII. 325.
- RHABDOCELA, tribe of planarian worms, XIX. 171, 174.
- RHABDOMANCY, use of the divining rod, XV. 206.
- RHABDOPLEURA, genus of Polyzoa, XIX. 434, 435.
- RHABDUS, sponge, XXII. 416.
- RHACHIODONTIDÆ, family of snakes, XXII. 192.
- RHADAMANTHUS, or Rhadamanthys, of Greek mythology, XX. 504; in Elysium, VIII. 156.
- RHADAMES (Ghadames), town, Sahara, Africa, X. 4.
- RHÆTIA, Alpine province, Roman empire, XX. 504.
- , Ten Jurisdictions of, Swiss confederation, XXII. 786.
- RHÆTIAN ALPS, I. 627.
- RHÆTIC ROCKS, in geology, X. 353.
- RHÆTICUS (Rheticus), George Joachim, mathematician, XX. 508; XXIII. 9, 562.
- RHAGITE, mineral, XVI. 406.
- RHAGON TYPE, of sponges, XXII. 414.
- RHAMNUS, town, Greece, III. 60.
- RHAMPHOCORYS, genus of birds, XIV. 316.
- RHAMPHORHYNCHUS, fossil reptile, XX. 86.
- RHANGABÉ, Michael I., Byzantine emperor, XVI. 226; XVII. 482.
- RHAPIS, genus of palms, XVIII. 190.
- RHAPSODISTS, Greek, XII. 109.
- RHAZES, Arabian alchemist and physician, I. 464; XV. 805.
- RHÉ (Ré), Isle of, France, XX. 302; battle of (1627), IV. 419.
- RHEA, bird, XX. 505; XVIII. 44.
- , Greek divinity, VI. 744; XXI. 321.
- FIBRE, XX. 506; IX. 133.
- RHEGIUM (Reggio di Calabria), ancient town, Italy, XX. 341.
- RHEIMS, town, France, XX. 507; ampulla at, I. 777; sculptures in cathedral, XXI. 562; trades school, XXIII. 108.
- RHEIN (Rhine, *q.v.*), river, Europe, XX. 518.
- RHEINBUND, Leibnitz's plan of a, XIV. 418.
- RHEINFELD, spa, Switzerland, XVI. 434.
- RHEINGAU, district, Germany, XVII. 238; XX. 520.
- RHEITHROSCIURUS, genus of rodent mammals, XXII. 438.
- RHENANUS, Beatus, German humanist, XX. 508.
- RHENEIA, island, Greece, VII. 51.
- RHENISH PRUSSIA, province, Prussia, XX. 20.
- RHENISH WINES, XXIV. 602, 610.
- RHEOSTAT, electric instrument, VIII. 45.
- RHEOTANNIC ACID, XX. 530.

- RHESÆNA, district, Mesopotamia, XVI. 48.
- RHESUS, of Euripides, VIII. 678.
- RHETICUS, George Joachim, mathematician, XX. 508; his contributions to trigonometry, XXIII. 562; his trigonometrical tables, XXIII. 9.
- RHETORIC, XX. 508; Latin, XIV. 333; in relation to sophistry, XXII. 265; of Aristotle, II. 517; of Lysias, XV. 118; Quintilian's contributions to, XX. 187; Sanskrit works on, XXI. 293; Whately's work on, XXIV. 530; Chambers of, in Dutch literature, XII. 91.
- RHEUM, genus of plants, XII. 287; XX. 529.
- RHEUMATIC FEVER, XX. 516; XVIII. 397.
- RHEUMATIC GOUT, XX. 518.
- RHEUMATISM, disease, XX. 516; silicylate of sodium in treatment of, XXI. 217.
- RHEUMATOID ARTHRITIS, disease, XX. 518.
- RHEUMIC ACID, XX. 530.
- RHEYDT, town, Rhenish Prussia, XX. 518.
- RHIJNSBURGERS, Dutch sect, XXII. 400.
- RHIN, Haut, former department of France, IX. 508.
- RHINE, river, Europe, XX. 518; X. 449; in Holland, XII. 63; in Switzerland, XXII. 776.
- , Confederation of the (1806), III. 133; IX. 615; XVII. 210.
- RHINELAND, province, Prussia, XX. 20.
- RHINE WINE, XXIV. 602, 610.
- RHINOBATIDÆ, family of fishes, XX. 299.
- RHINOCEROS, ungulate mammal, XX. 521; XV. 428; of India, XII. 742; of Java, XIII. 602.
- RHINOCHETUS, genus of birds, XVII. 376; XXII. 653.
- RHINODON, genus of sharks, XXI. 777.
- RHINOLOPHIDÆ, family of bats, XV. 412.
- RHINOPOMA, genus of bats, XV. 413.
- RHINOTMETUS, Justinian II., emperor of the East, XIII. 798.
- RHIO (Riouw), town, near Bintang, Indian Archipelago, III. 679; XII. 818; XXII. 639.
- RHION, town, Greece, XVI. 53.
- RHIPHALIS, genus of Cactaceæ, IV. 626.
- RHIZOCARPEÆ, subclass of ferns, IX. 105.
- RHIZOME, root-stock of plants, IV. 98.
- RHIZOPHORA, genus of trees, XV. 481.
- RHIZOPODS, or Foraminifera, XIX. 371.
- RHIZOTA, order of Rotifera, XXI. 7.
- RHODE ISLAND, State, U.S.A., XX. 523; Roger Williams's colonization of, XXIV. 587; colony of, XXIII. 730; opposition of, to the Union (1790), XXIII. 752, 754.
- RHODE ISLAND CASE (1848), U.S.A., XXIV. 472.
- RHODES, island, Ægean Sea, XX. 525; its connexion with Phœnicia, XVIII. 805; relations with Rome, XX. 751; establishment of Knights Hospitallers in, XXI. 174; conquest of, by the Turks (1522), XXIII. 643; coins of, XVII. 647; town, XX. 525; Colossus at, II. 365.
- , Outer and Inner, divisions of Appenzell, Switzerland, II. 211.
- RHODIAN WARE, pottery, XIX. 621.
- RHODIGIUM (Rovigo), Latin town, Italy, XXI. 29.
- RHODIUM, chemical element, V. 536; XIX. 189, 191.
- RHODIZITE, mineral, XVI. 396.
- RHODOCHROME, mineral, XVI. 414.
- RHODODENDRON, shrub, XX. 526; XII. 260; of Ceylon, V. 362.
- RHODONITE, mineral, XVI. 417.
- RHODOPE, mountain, Thrace, XXIII. 318.
- RHODOSPERMÆ, suborder of Algæ, I. 508.
- RHOMBIC SYSTEM, of crystals, XVI. 359.
- RHOMBUS, genus of fishes, XXIII. 625.
- RHONE, river, Europe, XX. 527; IX. 506; in Switzerland, XXII. 776.
- RHÔNE, department, France, XX. 528.
- RHOPALOCERA, group of insects, XIII. 151.
- RHUBARB, vegetable and drug, XX. 529; XII. 287.
- RHUNE, mountain, France, XX. 126.
- RHUPENIAN DYNASTY, of Armenia, II. 548.
- RHUS, genus of trees, XIII. 592.
- RHYL, town, Wales, XX. 530; IX. 327.
- RHYMER, Thomas the, early Scottish poet, XXIII. 308.
- RHYMNEY, town, England, XX. 530.
- RHYNCHÆA, genus of birds, XXII. 200.
- RHYNCHOBDELLIDÆ, family of leeches, XIV. 404.
- RHYNCHOCEPHALIA, order of reptiles, XX. 437, 444, 448.
- RHYNCHOFLAGELLATA, class of Protozoa, XIX. 860.
- RHYNCHONELLIDÆ, family of Brachiopoda, IV. 195.
- RHYNCHOPHORA, group of beetles, VI. 133; XXIV. 477.
- RHYNCHOPS, genus of birds, XXII. 120.
- RHYNCHOTUS, genus of birds, XXIII. 403.
- RHYNDACUS, river, Asia Minor, II. 707; XVII. 122; XVIII. 853.
- RHYS AB TEWDWR, Welsh prince, V. 319.
- RHYTHM, in poetry, XIX. 257, 262; in prose, XX. 513.
- RHYTHMNO, town, Crete, VI. 572.
- RHYTINA, genus of sirenian mammals, XV. 390.
- RI, Japanese measure, XIII. 569.
- RIAD, town, Nejd, Arabia, II. 254.
- RIALTO, island, Venice, XXIV. 141; bridge of the, IV. 332.
- RIBAT (Rabat), town, Morocco, XX. 192.
- RIBAULT, or Ribaut, Jean, French navigator, XX. 531; colonizer in South Carolina, U.S.A., XXII. 288.
- RIBBLE, river, England, XIV. 252.
- RIBBON-FISHES, XX. 531; XII. 684, 691; XXI. 609.
- RIBBONS, XX. 531.
- RIBEIRA GRANDE, town, Cape Verd Islands, V. 52.
- RIBEIRO, Bernardim, Portuguese writer, XIX. 556.
- , João Pedro, Portuguese historian, XIX. 557.
- , João Pinto, Portuguese statesman, XIX. 548.
- RIBERA, Jusepe (Lo Spagnoletto), Spanish painter, XX. 532.
- RIBES, genus of plants, VI. 715; X. 779.
- RIBOT, Théodule, on evolution, VIII. 767.
- RIBS, Anatomy of the, I. 822; movements of, in respiration, XX. 478; treatment of, in surgery, XXII. 690; in vertebrate skeleton, XXII. 113; in mammals, XV. 358.
- , in architecture, II. 472.
- RICARDO, David, English political economist, XX. 533; XIX. 373; on labour, value, and capital, XXII. 213.
- RICASOLI, Bettino, Baron, Italian statesman, XIII. 491.
- RICAUT, Sir Paul, English traveller and diplomatist, XXI. 116.
- RICCATI, James, Count, Italian mathematician, XX. 535.
- RICCI, Antonio, Venetian architect, XXIV. 153.
- , Lorenzo, general of the Jesuits, XIII. 654.
- , Ludovico, Italian economist, XIX. 363.
- , Matteo, Jesuit missionary in China, XX. 536; XV. 145; XVI. 513.
- RICCIARELLI, Daniele, Italian painter, XX. 537.
- RICCIEÆ, class of liverworts, XVII. 69.
- RICCIOLI, Giovanni Battista, on astronomy, II. 754.
- RICCOBONI, Madame, French writer, XX. 538.
- RICE, XX. 538; culture of, under irrigation, XIII. 369; in India, III. 248, 568; XII. 747; XVIII. 409; in Japan, XIII. 574; in Java, XIII. 603; in Madagascar, XV. 172.
- PAPER, XX. 539.
- STARCH, XXII. 456.
- RICH, Claudius James, traveller and Orientalist, XX. 539.
- , Edmund, archbishop of Canterbury, VII. 668.

- RICH, John, English pantomimist, XVIII. 215.
 —, Robert, earl of Warwick, English postmaster, XIX. 563.
- RICHARD I., Cœur de Lion, king of England, XX. 539; VIII. 305; IX. 541; his coronation, VI. 429; his exploits in Palestine, VI. 628; his ransom, XIV. 844.
 — II., of England, XX. 541; VIII. 319; XIV. 256; dethronement of, XI. 659; his relations with William of Wykeham, XXIV. 585.
 — III., of England, XX. 542; VIII. 328.
 —, earl of Cornwall and king of the Romans, XX. 542.
 —, the Fearless, duke of Normandy, XVII. 541.
 —, the Good, duke of Normandy, XVII. 542.
 —, duke of York, XXIV. 752; viceroy of Ireland, XIII. 261.
 — of Cirencester, English chronicler, XX. 542.
 — of Middletown, scholastic philosopher, XXI. 429.
 — of St Victor, scholastic philosopher and mystic, XX. 543; XVII. 132; XXI. 425.
 — DE BURY, bishop of Durham, III. 85.
- RICHARDIA, genus of plants, XII. 264.
- RICHARDSON, Sir John, Scottish naturalist and Arctic explorer, XX. 543; X. 193; XIX. 319.
 —, Samuel, English novelist, XX. 543; his place in English literature, VIII. 430.
- RICHBOROUGH CASTLE, Kent, England, V. 197.
- RICHEBOURG, French dwarf, VII. 567.
- RICHELIEU, river, Canada, XX. 165; XXI. 181.
 —, Cardinal de, XX. 544; IX. 567; his jealousy of Corneille, VI. 417; patron of French Academy, I. 74; his Spanish policy, XXII. 331.
 —, Duc de, French marshal, XX. 544; IX. 588.
 —, Duc de, governor of Odessa, XX. 544.
- RICHER, Jean, on deviations of the pendulum, VII. 597.
- RICHERUS, French chronicler, XX. 545.
- RICHIBUCTO, town, New Brunswick, XVII. 375; river, XVII. 373.
- RICHMAN, G. W., his fatal electrical experiment, VIII. 6.
- RICHMOND, town, Surrey, England, XX. 545.
 —, town, Yorkshire, England, XX. 545; XXIV. 748.
 —, town, Indiana, U.S.A., XX. 545.
 —, town, Virginia, U.S.A., XX. 545.
 —, suburb of Melbourne, Victoria, XV. 836.
 —, Legh, English writer, XX. 546.
 — PARK, England, XX. 545.
- RICH'S SYSTEM, of shorthand, XXI. 837.
- RICHTER, Ernst Friedrich Eduard, German writer on music, XX. 546.
 —, Jeremias Benjamin, German chemist, V. 463.
 —, Johann Paul Friedrich (Jean Paul), German humorist, XX. 546; X. 541; on aesthetics, I. 220; on education, VII. 677.
- RICI, Paul, Kabbalistic writer, XIII. 813.
- RICIMER, patrician of the Roman empire, XX. 547, 781; XV. 311.
- RICINUS, genus of plants, V. 200.
- RICKETS, disease, XX. 548; XVIII. 373.
- RICKMAN, Thomas, English architect, XX. 548.
- RICOMAGUS (Riom), Roman town, France, XX. 564.
- RIDDELL, John L., his binocular prisms, XVI. 273.
- RIDDESK, town, Siberia, XXIII. 439.
- RIDDLE, enigma, XX. 549; of the sphinx, XXII. 398.
- RIDEAU, river and canal, Ottawa, Canada, XVIII. 68; XXI. 180.
- RIDERFORT, Gerard de, master of Knights Templars, XXIII. 161.
- RIDGEWAY, ancient roadway, Wilts, England, XXIV. 594.
- RIDING, on horseback, XII. 195.
 —, division of Yorkshire, England, XXIV. 748.
- RIDLEY, Henry, anatomist, I. 813.
 —, Nicholas, bishop of London, XX. 549.
- RIDUNA (Alderney), Channel Islands, England, I. 473.
- RIEL, Louis, leader of French Indians, Canada, XX. 315.
- RIELLA, genus of liverworts, XVII. 67.
- RIEMANN, G. F. Bernhard, German mathematician, XX. 550.
- RIENZI, Cola di, senator of Rome, XX. 800; XIII. 480.
 —, Lytton's novel, XV. 122.
 —, Wagner's opera, XXIV. 313.
- RIESENER, Henri François, French portrait-painter, XX. 551.
 —, Jean Henri, French cabinetmaker, XX. 551.
- RIESENBERG, mountains, Germany, XX. 551; III. 116.
- RIESENKOPPE, mountain, Germany, XX. 552.
- RIESLING VINE, XXIV. 609, 611.
- RIESS, Peter Theophil, his contributions to electrical science, VIII. 15; his thermo-electrometer, VIII. 55.
- RIESTEDT, Germany, Dolmen at, XXI. 52.
- RIETBERG, Count of (Kaunitz), Austrian statesman, XIV. 18; IX. 587.
- RIETI, town, Italy, XX. 552; XXI. 129.
- RIETSCHER, E. F. August, German sculptor, XX. 552.
- RIEVAULX ABBEY, Yorkshire, England, XXIV. 749.
- RIF HILLS, Morocco, XVI. 830.
- RIFLE, firearm, XI. 282; penetrating power of, IX. 428; sporting, XXI. 835.
 — ASSOCIATION, of Great Britain, XXIV. 295.
- RIFLED CANNON, XI. 308.
- RIFLEMAN-BIRD, or Rifle-Bird, XX. 553.
- RIFLING, of cannon, XI. 294.
- RIGA, town, Russia, XX. 553.
- RIGAUD, Hyacinthe, French painter, XX. 554.
- RIGDON, Sydney, Mormon leader, XVI. 826.
- RIGGING, of a ship, XXI. 153, 594.
- RIGHT, in law, XIV. 361.
 —, Petition of, XVIII. 705.
 — HAND OF FELLOWSHIP, salutation, XXI. 237.
 — HONOURABLE, title, XXIII. 418.
 — OF SEARCH, Maritime, XXI. 608.
 — OF WAY, in law, XIX. 705.
- RIGHTS, Bill of, English (1689), XX. 555.
 — OF MAN, Declaration of the, France, IX. 599.
 — OF MAN, Paine's book, XVIII. 136.
- RIGID FIGURE, Kinematics of a, XV. 691.
- RIGIDITY, Modulus of, VII. 805, 815; XXII. 595.
- RIGI KULM, mountain, Switzerland, XXI. 465.
- RIGORISM, in casuistry, XIV. 636.
- RIG-VEDA, Brahmanical sacred books, XXI. 275; IV. 202; XII. 780; philosophy of, XXIV. 117; on Hindu astrology, II. 739; language of, II. 673.
- RIJN, Rembrandt Harmens van (Rembrandt), Dutch painter, XX. 373.
- RIKSDAG, Swedish parliament, XXII. 742.
- RILLE, river, France, XVIII. 1.
- RIMAC, river, Peru, XIV. 644.
- RIME IN VITA, Petrarch's poem, XVIII. 711.
- RIMER, hand tool, XI. 438.
- RIMINI, town, Italy, XX. 555.
- RINALDO, Count (Pope Alexander IV.), I. 487.
 —, architect of Pisa cathedral, XIX. 122.
 —, Tasso's poem, XIII. 510; XXIII. 76.
- RINCKHART, Martin, German hymn-writer, XII. 586.
- RINDERPEST, cattle disease, XVII. 59; I. 304; in Cheshire (1866), V. 589.
- RINDFLEISCH, Georg Eduard, his scheme of diseases, XVIII. 361.
- RING, Astronomical, Gemma's, XVII. 251.
 —, Finger, XX. 560.

- RINGBERG, mountain, Germany, XXI. 349.
- RING DES NIBELUNGEN, Wagner's operatic tetralogy, XXIV. 314.
- RING-DOVE, bird, VII. 379.
- RINGELSPITZ, mountain, Switzerland, XXI. 169.
- RING-MONEY, Celtic, XVII. 630.
- RING-OUSEL, bird, XVIII. 75.
- RING-SANGS, ballads or dancing songs, III. 285.
- RING SNAKE, XXII. 194.
- RINGWORM, disease, XVIII. 269; XXII. 124.
- RINIERI'S THERMOMETER, XXIII. 288.
- RINK, for skating, XXII. 105.
- RINMANN'S GREEN, pigment, XXIV. 787.
- RINTELN, Germany, University of, XXIII. 845, 848.
- RINUCCINI, Ottavio, Italian musical composer, XXIV. 315.
- RIO, Ercole del, Italian chessplayer, v. 601.
- RIOBAMBA, town, Ecuador, South America, XX. 562.
- RIO DE JANEIRO, town, Brazil, XX. 562; observatory at, XVII. 716.
- RIO GRANDE, river, West Africa, XX. 564.
- RIO GRANDE DEL NORTE, river, North America, XX. 563; XVII. 400; XXIII. 203.
- RIO GRANDE DO NORTE, river, Brazil, XX. 563.
- RIO GRANDE DO SUL, river, Brazil, XX. 564.
- RIO GRANDE DO SUL, town and province, Brazil, XX. 564.
- RIOJA, Spain, Wine of, XXIV. 607.
- RIOM, town, France, XX. 564, 120.
- RION, river, Caucasus, v. 253; XXIII. 513.
- RIONERO IN VOLTURE, town, Italy, XX. 564.
- RIOT, in law, XX. 564.
- RIO TINTO, mines, Spain, XII. 334.
- RIOUW, town, near Bintang, Indian Archipelago, III. 679; XII. 818; XXII. 639.
- RIPARIAN LAWS, XX. 565.
- RIPH, Jewish rabbi and Talmudist, XX. 566.
- RIPIDOLITE, mineral, XVI. 414.
- RIPLEY, town, England, XX. 567.
- , George, American critic and man of letters, XX. 567.
- RIPON, town, England, XX. 568; Wilfrid's connexion with, XXIV. 566.
- FALLS, Nile, Africa, XVII. 505.
- RIPPERDA, John William, Baron, political adventurer, XX. 568; as Spanish minister, XXII. 338.
- RIPPLES, on water, XXIV. 420.
- RIPPLING, of flax, IX. 294.
- RIPPOLDSAU, spa, Germany, XVI. 434.
- RIPUARIAN LAW, Frankish, XXI. 214.
- RIPUARIANS, Frankish people, IX. 723; x. 476.
- RIQUETI, XVI. 492, 498. See Mirabeau.
- RIQUIER, St, France, Library of, XIV. 513.
- RIR', Wady, Sahara, Africa, XXI. 150.
- RISPETTO, Italian song, XIX. 272.
- RISSI, Peter, Swiss leader, XXII. 785.
- RIST, Johann, German hymn-writer, XX. 568; XII. 586.
- RISTORO D'AREZZO, Italian writer, XIII. 501.
- RITENBENK, district, Greenland, XI. 171.
- RISES, Sacred, Congregation of, Church of Rome, XX. 630.
- RITSCHL, Albrecht, German theologian, on Pietism, XIX. 84.
- , Friedrich Wilhelm, German scholar, XX. 569.
- RITSON, Joseph, English antiquary, XX. 570.
- RITTENHOUSE, David, American astronomer, XX. 570.
- , William, papermaker, Philadelphia, U.S.A., XVIII. 740.
- RITTER, Carl, German geographer, XX. 570.
- RITTINGERITE, mineral, XVI. 393.
- RITUALE ROMANUM, liturgical book, XIV. 710.
- RIUKIU (LEW-CHEW) ISLANDS, North Pacific, XIV. 489; XIII. 570; language of, XIII. 586.
- RIVA, town, Tyrol, x. 75.
- RIVALS, The, Sheridan's play, XXI. 798.
- RIVAROL, Antoine de, French writer, XX. 571; IX. 670.
- RIVAS, town, Nicaragua, XVII. 477.
- , Duke of (Angel de Saavedra), Spanish poet and politician, XXI. 122; XXII. 343, 361.
- RIVE DE GIER, town, France, XX. 571.
- RIVER, RIVERS, XX. 571; flow of water in, XII. 492; formation of bars of, x. 277; XX. 575; gauging of, XII. 509; geological action of, x. 272; proprietary rights in, XX. 565; tides in, XXIII. 353, 362; water of, XXIV. 398; in relation to water-supply, XXIV. 404; influence of wind on, XII. 497.
- ENGINEERING, XX. 571; of Mississippi, XVI. 520; of Po, XIX. 251.
- MUSSEL, mollusc, XVII. 110.
- RIVERO, Peruvian naturalist, XVIII. 676.
- RIVER PEARLS, XVIII. 447.
- RIVER PLATE, South America, II. 489.
- RIVER POPLAR, tree, XIX. 512.
- RIVIERA, district, Italy and France, XX. 581; XIII. 437, 441; Italian dialect of, XIII. 493.
- RIVIÈRE, Captain, French commander, Tong-King, XXIII. 441.
- RIVINUS, Augustus Quirinus (Bachmann), on plant classification, IV. 79.
- RIVOLI, Duke of (Masséna, *q.v.*), French marshal, xv. 616.
- RIVOTITE, mineral, XVI. 428.
- RIXDORF, suburb of Berlin, Germany, XX. 581.
- RIVAM, sanctuary, Arabia, XXIV. 741.
- RIZA, Tomb of, at Meshed, Persia, XVI. 46; XVIII. 626.
- RIZZIO, David, Queen Mary's secretary, XX. 581; xv. 596; XXI. 504.
- RJEV (Rzheff), town, Russia, XXI. 119.
- ROACH, fish, XX. 582; XII. 692; angling for, II. 41.
- ROAD, Rule of the, in driving, XI. 811; at sea, XVII. 277.
- ROADS, XX. 582; bridges on, IV. 285; making of, XX. 582, 583; tolls on, XXIII. 436; underground, in mines, XVI. 455; Telford's construction of, XXIII. 155.
- ROAN LEATHER, XIV. 388.
- ROANNE, town, France, XX. 588.
- , plain, France, XIV. 807.
- ROANNEZ, Duc de, his relations with Pascal, XVIII. 334.
- ROA-POUA, island, Marquesas, Pacific, xv. 564.
- ROARING FORTIES, or brave west winds, in meteorology, XVI. 146.
- ROAST-BEEF PLANT, IX. 279.
- ROASTING, of meat, VI. 332.
- ROATAN, island, Honduras, XII. 131.
- ROBBERS, The, Schiller's play, XXI. 395.
- ROBBER SYNOD, at Ephesus, XIV. 448.
- ROBBERY, in law, XXIII. 231, 233.
- ROBBIA, Andrea della, Florentine sculptor, XX. 590.
- , Giovanni della, Florentine sculptor, XX. 591.
- , Girolamo della, Florentine sculptor, XX. 592.
- , Luca della, Florentine sculptor, XX. 588.
- ROBENHAUSEN, Switzerland, Lake-dwellings at, XIV. 223.
- ROBERT I., king of France, XX. 592; IX. 536.
- , duke of France, IX. 525.
- , the Angevine, king of Naples, XIII. 477.
- (Hrolf), duke of Normandy, XX. 627; IX. 535; XVII. 539.
- , duke of Normandy, father of William I., IX. 537; XVII. 542.
- , duke of Normandy, son of William I., his relations with William Rufus, VIII. 301; XVII. 544; XXIV. 577.
- the Bruce, king of Scotland, XX. 592; XXI. 488.
- II.—III., of Scotland, XXI. 490.
- of Belesme, Norman noble, XI. 656.
- of Brunne, early English writer, VIII. 410.
- of Gloucester, English chronicler, XX. 596; his chronicle, VIII. 410.
- , Hubert, French painter, XX. 595.
- , Louis Léopold, French painter, XX. 595.

- ROBERT, M., French aeronaut, I. 188.
 —, Rahel Antonie, wife of Varnhagen von Ense, XXIV. 91.
 —, GUISCARD, duke of Apulia, XX. 596, 791; XIII. 470.
 —, HERON, pseudonym of John Pinkerton, XIX. 107.
 ROBERT-HOUDIN, Jean Eugène, French conjuror, XIV. 415; XV. 209.
 ROBERT LE DIABLE, Meyerbeer's opera, XVI. 222.
 ROBERTS, David, Scottish painter, XX. 597.
 —, Richard, his improvements on cotton-spinning mule, VI. 498.
 ROBERTSON, Frederick William, English preacher, XX. 597.
 —, John, his elements of navigation, XVII. 258.
 —, Thomas William, dramatist, XX. 598.
 —, William, Scottish historian, XX. 599; his place in English literature, VIII. 431.
 ROBERVAL, Gilles Personne de, French mathematician, XX. 601; his method of tangents, XIII. 8.
 ROBESPIERRE, Maximilien Marie Isidore, French Revolutionist, XX. 601; IX. 602, 607; his relations with Napoleon, XVII. 195.
 ROBIGALIA, Roman festival, XV. 570.
 ROBIN, bird, XX. 314; IX. 142; Australian, XXIV. 537.
 — of Redesdale, Rising of, in England (1469), XVIII. 94.
 ROBINE CANAL, Narbonne, France, XVII. 229.
 ROBINET, Jean Baptiste René, on evolution, VIII. 760.
 ROBIN GOODFELLOW, woodland spirit, XX. 606.
 ROBIN HOOD, XX. 605, 658, 660; XVII. 599.
 ROBINIA, tree, II. 318.
 ROBIN REDBREAST, or Robin, XX. 314; III. 765.
 ROBINS, Benjamin, English natural philosopher, XX. 607; inventor of ballistic pendulum, XI. 297; on rifled cannon, II. 557.
 ROBINSON, Anastasia, countess of Peterborough, XVIII. 701.
 —, Dr, on wind gauges, II. 25.
 —, Edward, American Biblical scholar, XX. 607.
 —, John, English Independent, XX. 608; XII. 725.
 —, John Thomas Romney, Irish astronomer, XX. 608.
 —, CRUSOE (Alexander Selkirk), XXI. 639.
 —, CRUSOE, Defoe's work, VII. 28.
 —, CRUSOE'S ISLAND, XIII. 758.
 ROBISON, John, his magnetic researches, XV. 237; his connexion with the Encyclopædia Britannica, VIII. 200, 201.
 ROB ROY, Scottish outlaw, XX. 608.
 ROBSART, Amy, wife of earl of Leicester, XIV. 425.
 ROBUSTI, Domenico, Italian painter, XX. 611.
 —, Jacopo (Tintoretto), Italian painter, XX. 608.
 —, Marietta, daughter of Tintoretto, XX. 610.
 ROC, fabulous bird, XX. 611.
 ROCAMBOLE, vegetable, XII. 287.
 ROCCA, second husband of Madame de Stael, XXII. 441.
 ROCH, St, Franciscan monk, XX. 611.
 ROCHDALE, town, England, XX. 611.
 ROCHE BERNARD, La, town, France, XVI. 813.
 ROCHEFORT, town, France, XX. 612.
 ROCHEFOUCAULD, Duc de la, French writer, XIV. 317, 867; IX. 663.
 ROCHELLE, La, town, France, XX. 612; siege of (1627), IV. 419; IX. 568; synod of (1671), XIX. 694.
 —, SALT, XXIII. 69.
 ROCHERS, Les, chateau, Brittany, France, XXI. 705; XXIV. 263.
 ROCHEs, Peter des, bishop of Winchester, XI. 658.
 ROCHESTER, town, England, XX. 613.
 —, town, New York, U.S.A., XX. 614.
 —, Earl of, poet, XX. 614.
 —, KEEP, Kent, England, V. 198.
 ROCHE-SUR-YON, La, town, France, XX. 615.
 ROCHET, episcopal dress, VI. 463.
 ROCHON, Alexis Marie, his micrometer, XVI. 252.
 ROCK, or Distaff, for spinning, XIV. 664.
 ROCKAWAY BEACH, Long Island, New York, U.S.A., XIV. 866.
 ROCK-BORING MACHINES, III. 808; XVI. 444, 446.
 ROCKBRIDGE ALUM SPRINGS, Virginia, U.S.A., XVI. 436.
 ROCK-COOK, fish, XXIV. 686.
 ROCK CORK, mineral, XVI. 418.
 ROCK-CRYSTAL, mineral, XVI. 389.
 ROCK-CUT TEMPLES, of India, II. 394.
 ROCK-DOVE, bird, VII. 379.
 ROCKET, in pyrotechny, XX. 136; apparatus for shipwreck rescue, XIV. 572; military, I. 745; II. 661.
 —, R. Stephenson's locomotive engine, XX. 225.
 ROCKFLEET CASTLE, Mayo, Ireland, XV. 651.
 ROCKFORD, town, Illinois, U.S.A., XX. 615.
 ROCKHAMPTON, town, Queensland, XX. 615.
 ROCK-HOPPER, bird, XVIII. 492.
 ROCKINGHAM, Second Marquis of, English statesman, XX. 615; VIII. 358; XIX. 137.
 ROCK ISLAND, town, Illinois, U.S.A., XX. 616.
 ROCKLAND, town, Maine, U.S.A., XX. 616.
 ROCK OF AGES, Toplady's hymn, XII. 594.
 ROCK OF CASHEL, Ireland, V. 175.
 ROCK-OIL, XVIII. 712.
 ROCK-PIGEON, bird, XXI. 259.
 ROCKS, Characters of, X. 229.
 ROCK-SALT, mineral, X. 228, 232; XXI. 230.
 ROCK-SCULPTURES, in Phrygia, XVIII. 850.
 ROCK-SNAKE, XX. 144.
 ROCK SOAP, mineral, XVI. 425.
 ROCKY MOUNTAINS, North America, XXIII. 796; I. 674; geological structure of, X. 372.
 ROCKY MOUNTAIN SHEEP, II. 102.
 ROCQUANCOURT, France, Aqueduct of, II. 222.
 ROCROI, town, France, XX. 616; battle of (1643), IX. 571.
 RODA, town, Germany, XXI. 347.
 RODBERTUS, Karl Johann, German socialist, XX. 616; XXII. 206, 218.
 RODENTIA, or Rodents, order of Mammalia, XV. 415.
 RODERICK, Gothic king, XXII. 309.
 —, RANDOM, Smollett's novel, XXII. 184.
 RODÉRIQUE, Jean Ignace de, Cologne gazetteer, XVII. 428.
 RODEZ, town, France, XX. 617.
 RODGERS, John, American naval officer, XXIII. 760.
 RODGER'S ANCHOR, II. 6.
 RODMAR, in the Nibelungenlied, XVII. 474.
 RODNEY, Lord, English admiral, XX. 617.
 RODOMNA (Roanne), ancient town, France, XX. 588.
 RODOMUM (Rouen), ancient town, France, XXI. 12.
 RODOSTO, town, Turkey in Europe, XX. 618.
 RODRIGO DIAZ DE BIVAR (the Cid), Spanish hero, V. 773; XXII. 315.
 RODRIGUEZ, island, Indian Ocean, XX. 618; XV. 642; solitaire of, bird, III. 722.
 — of Toledo, Spanish chronicler, XXII. 354.
 —, Pedro, Spanish economist, XIX. 363.
 ROE, of fish, XII. 660.
 —, Muckle, island, Shetland, Scotland, XVII. 846.
 —, Nathaniel, English logarithmist, XIV. 775.
 —, Sir Thomas, English political agent, XX. 619.
 ROEBLING, John Augustus, American engineer, XX. 619.
 ROEBUCK, John, founder of Carron iron-works, Scotland, XXIV. 413.

- ROE DEER, VII. 24; shooting of, XXI. 834.
- ROEMER, Olaus, Danish astronomer, XX. 620.
- ROERMOND, town, Holland, XX. 620.
- ROESKILDE, town, Denmark, XXIV. 771.
- ROFIA PALM, Madagascar, XV. 170.
- ROFREIT (Roveredo), town, Tyrol, Austria, XXI. 28.
- ROGATION DAYS, XX. 620; I. 654; litanies for, XIV. 695.
- ROGER I.—III., counts of Foix, IX. 354.
- I., grand-count of Sicily, XX. 620; XIII. 471; XXII. 25.
- II., count of Sicily, and first king, XX. 620; XXII. 26; conquest of Tunis by, XXIII. 621.
- of Hovedon, English chronicler, XII. 319.
- of Wendover, English chronicler, XX. 620.
- BERNARD I.—III., counts of Foix, IX. 354.
- ROGERS, James E. Thorold, on economics, XIX. 399.
- , John, editor of Matthew's Bible, XX. 620; VIII. 386.
- , Samuel, English poet, XX. 620.
- ROGUE, river and valley, Oregon, U.S.A., XVII. 822.
- ROHAN, Benjamin de, Duc de Soubise, Huguenot, XXII. 277.
- , Charles de, Prince de Soubise, French marshal, XXII. 277.
- , Emmanuel de, grand-master of Knights of St John, XXI. 175.
- , Henri de, French general and writer of memoirs, XX. 622.
- , Louis René Édouard, Cardinal de, XX. 622.
- ROHILKHAND, or Rohilkund, division, India, XX. 623.
- ROHILLAS, tribe, India, III. 372.
- ROHITSCH, spa, Styria, Austria, XXII. 614.
- ROHLFS, Gerhard, his travels in Africa, I. 247.
- RÖHR, Johann Friedrich, German theologian, XX. 290.
- ROHRI, town, India, XXI. 803.
- ROHTAK, district, India, XX. 623; town, XX. 624.
- ROIG, Jaume, Catalan poet, XXII. 363.
- ROISDORF, spa, Prussia, XVI. 436.
- ROJAS, Ferdinand de, Spanish dramatist, XXII. 356.
- ROJAS-ZORILLA, Francisco de, Spanish dramatist, XX. 624; VII. 421; XXII. 359.
- ROKEBY, Scott's poem, XXI. 549.
- ROKELLE, river, Sierra Leone, Africa, XVII. 496; XXII. 45.
- ROKITANSKY, Freiherr von, Viennese pathologist, XX. 624; XV. 817.
- ROKYZANA, Johann, leader of Calixtine sect, XVI. 811.
- ROLAND, Camisard leader, IV. 744.
- ROLAND, Jean Marie, French Revolutionist, XX. 624; IX. 603.
- , Madame, French Revolutionist, XX. 624; IX. 603.
- , Chanson de, IX. 637; X. 523.
- , Legend of, XX. 626, 650; XXIII. 669.
- ROLANDSLIED, German ballad, X. 523; IX. 637.
- ROLF (Rollo), Scandinavian rover, XX. 627; IX. 535; XVII. 539.
- ROLL, Papyrus, XVIII. 232.
- ROLLAND, John, early Scottish poet, XXI. 542.
- ROLLE OF HAMPOLE'S PSALTER, VIII. 383.
- ROLLER, agricultural implement, I. 319; steam, for roads, XX. 583.
- , bird, XX. 627.
- ROLLER-MILLS, for flour, IX. 345.
- ROLLER-SKATING, XXII. 105.
- ROLLIN, Charles, French historian, XX. 627; IX. 668.
- ROLLING CONTACT, in mechanics, XV. 755.
- ROLLING MILLS, Iron, XIII. 328.
- ROLLO, Scandinavian rover, XX. 627; IX. 535; XVII. 539.
- ROLLOCK, Robert, Scottish theological writer, XX. 628; XXI. 542.
- ROLLS, manuscripts, XVIII. 144.
- , English records, XX. 310.
- , Master of the, English judge, XX. 628.
- ROLL TOBACCO, XXIII. 426.
- RÖM, island, Schleswig-Holstein, XXI. 414.
- ROMAGNOSI, Giovanni D. G. G., Italian economist, XIX. 387.
- ROMAIC LANGUAGE (Modern Greek), XI. 135; dictionaries of, VII. 184.
- ROMAN, prince of Volhynia, XXI. 90.
- , river, Honduras, XII. 130.
- , The, Dobell's poem, VII. 307.
- ARCHITECTURE, II. 414.
- BATHS, III. 434.
- CAMP, IV. 750.
- CANDLE, in pyrotechny, XX. 136.
- CATHOLIC CHURCH, XX. 628; form of baptism in, III. 351; bishops in, III. 788; celibacy in, V. 293; concordats, VI. 241; influence of crusades on, VI. 624; economic influence of, XIX. 352; the Inquisition, XIII. 91; liturgy of, XIV. 708; the popedom, XIX. 489; Propaganda, XIX. 809; in relation to the Reformation, XX. 319; Vatican Council, XXIV. 110; in Europe, VIII. 712; in Italy, XIII. 458.
- CATHOLIC EMANCIPATION ACT, England, XX. 631.
- ROMANCE, ROMANCES, XX. 632; Arab, XXIII. 5; French, IX. 638; German, X. 527; mythical, XVII. 158; Persian, XVIII. 657; Portuguese, XIX. 557; Provençal, XIX. 873; Spanish, XXII. 354, 357, 363; Syriac, XXII. 834.
- ROMANCE LANGUAGES, XX. 661; XIV. 340; Diez's works on, VII. 214; dictionaries of, VII. 184.
- ROMAN CEMENT, V. 328.
- ROMAN DE LA ROSE, early French romance, IX. 643; William of Lorris's part in, XXIV. 585; translation of, by Chaucer, V. 451.
- ROMAN DRAMA, VII. 409.
- ROMAN DU RENART, early French poem, IX. 641.
- ROMAN EMPEROR, title, VIII. 179; XX. 769.
- ROMAN EMPERORS, Chronological table of, XX. 781.
- ROMAN EMPIRE, Holy, VIII. 181; XX. 787.
- ROMANESQUE ARCHITECTURE, II. 422.
- ROMAN HISTORY, XX. 731. See Rome.
- ROMANI, or Roumans (*q.v.*), race of people, Europe, XXI. 16; XXIV. 268.
- ROMANI LANGUAGE (Gipsy), X. 613; dictionaries of, VII. 189.
- ROMANINA, La (Marianna Bulgarelli), patroness of Metastasio, XVI. 104.
- ROMANINO, Girolamo, Brescian painter, XXI. 436, 443.
- ROMAN INSCRIPTIONS, XIII. 124.
- ROMAN LAW, XX. 669; relation of modern international law to, XIII. 191; Justinian's codification of, XIII. 792; schools of, XIV. 164.
- ROMAN LITERATURE, XX. 715; rhetoric, XX. 514; romance, XX. 633; in time of Virgil, XXIV. 248.
- ROMAN NUMERALS, II. 525; XVII. 625.
- ROMANO, Giulio (Giulio Pippi), Italian painter, XIX. 112; XV. 504.
- ROMANOFF, royal family, Russia, XXI. 95.
- ROMANOFF - BORISOGLYBSK, town, Russia, XXIV. 731.
- ROMANOS, Ramon M., Spanish satirist, XXII. 361.
- ROMAN ROADS, XX. 582; Itinerarium, XIII. 517.
- ROMANS, town, France, XX. 727.
- , Epistle to the, XX. 727.
- ROMANSCH LANGUAGE (Rumonsch or Ladin), XX. 668; XIII. 492; dictionaries of, VII. 186.
- ROMANSHORN, town, Switzerland, XXIII. 331.
- ROMANTICISM, in English literature, XX. 857; in French, IX. 675; VII. 427; in German, X. 541; VII. 443; Schelling on, XXI. 390; in Polish literature, XIX. 304; in music, III. 598.
- ROMANUS I.—IV., emperors of the East, XX. 730.
- , early hymn-writer, XII. 580.
- , the physician, Syriac writer, XXII. 846.
- ROMAN WALLS, Britain, II. 139; XI. 364.
- ROMAN WRITING, XVIII. 155.
- ROMA QUADRATA, ancient Rome, XX. 812.

- ROMBERG, Moritz Heinrich, German physician, xv. 817.
- ROMBLON, island, Philippines, xviii. 752.
- ROME, Ancient, History of, xx. 731 (index, 838); empire in Asia, ii. 699; under Augustus, iii. 79; conquest of Britain by, iv. 352; viii. 264; xxi. 474; in time of Cæsar, iv. 634; wars with Carthage, v. 161; empire at time of Christ, xiii. 662; relations with Jews in time of Christ, xx. 727; relations of, to Christianity, v. 691, 693; under Constantine, vi. 299; conquest of Egypt by, vii. 748; extent of the empire, x. 176; conquest of Gaul by, ix. 527; of Germany, x. 474; siege and pillage of, by the Goths, i. 443; conquest of Greece by, xi. 108; under Nero, xvii. 349; struggles with Parthian empire, xviii. 595; conquest of Sicily by, xxii. 21; of Spain, xxii. 305; attack on Syracuse, xxii. 817.
- , Ancient, Topography and archaeology of, ii. 343; viii. 840; xx. 807 (index, 838); agriculture of, i. 292; amphitheatres, i. 774; architecture, ii. 414; architecture of churches, ii. 434; army, ii. 562; basilicas, iii. 415; baths, iii. 434; coins, xvii. 637, 652; colonies, vi. 158; comitia, vi. 194; commerce, vi. 199; office of consul, vi. 313; decrees of, on inscriptions, xiii. 132; drama, vii. 409; education in, vii. 671; festivals, ix. 114; games, x. 65; glass-making, x. 648; improvements in, under Trajan, xxiii. 505; libraries, xiv. 511; orders of nobility, xvii. 526; religion, xx. 371; influences on religion of, xiii. 780; slavery, xxii. 131; Stoicism in, xxii. 572; taxation and finance, ix. 173; tenure of land, xiv. 260; terracotta remains, xxiii. 194; theatres, xxiii. 224.
- , Modern, xx. 833 (index, 838); xiii. 467; at close of the papal temporal power, xix. 158; sack of, by Constable de Bourbon (1527), v. 822; xiii. 482; carnival, v. 122; Catacombs, v. 207; mural paintings in Catacombs, xvii. 43; dialect, xiii. 496; libraries, xiv. 528, 548; newspapers, xvii. 431; observatory at, xvii. 714; schools of painting, xxi. 438, 443; picture galleries, xxi. 446; Michelangelo's art-work in, xvi. 231; Raphael's, xx. 277; Christian pilgrimages to, xix. 94; sculpture, xxi. 568, 570; university, xxiii. 836.
- , town, New York, U.S.A., xx. 838.
- , Foundation of, Era of, v. 712.
- ROMEITE, mineral, xvi. 428.
- ROME LA GRANT, Latin romances, xx. 637.
- ROMFORD, town, England, xx. 838.
- ROMILLY, Sir Samuel, English jurist, xx. 838; on Mirabeau, xvi. 494.
- ROMNEY, George, English painter, xx. 839.
- MARSH, Kent, England, xiv. 37.
- MARSH SHEEP, i. 392.
- ROMNY, town, Russia, xx. 840; xix. 410.
- ROMUALD, founder of Camaldulians, iv. 721.
- ROMULUS, legendary founder of Rome, xx. 840; wall of, in ancient Rome, xx. 812.
- , collection of fables, xviii. 727.
- AUGUSTULUS, Roman emperor, xx. 781; xvii. 726.
- RONALDSHAY, islands, Orkney, Scotland, xvii. 846.
- RONCAGLIA, Italy, Diet of (1154), xiii. 472.
- RONCESVALLES, Pyrenees, Battle of (778), xx. 626; xxii. 310.
- RONDA, town, Spain, xx. 840.
- , Serrania de, mountain group, Spain, xxii. 294.
- RONDEAU, or Rondel, short poem, xx. 840; early French, ix. 644.
- RONDELET, Guillaume, French ichthyologist, xii. 631.
- RONDELETIUS, Jacobus, Swedish writer, xxii. 754.
- RONG, region, Tibet, xxiii. 339.
- RONGBACHA, district, Tibet, xxiii. 342.
- RONGE, Johann, leader of the German Catholics, x. 444.
- RONNEBURG, town, Germany, xxi. 347.
- RONSARD, Pierre de, French poet, xx. 841; ix. 650; his alexandrine verse, i. 500.
- RONSARDISTS, school of French writers, ix. 651.
- RONSDORF, town, Prussia, xx. 842.
- ROOD, in architecture, ii. 472.
- ROOF, in building, iv. 484; vii. 347; carved wooden, xxiv. 647.
- ROOFING TILES, xxiii. 387.
- ROOF OF THE WORLD, plateau, Turkestan, xxiii. 633; sources of the Oxus in, xviii. 102.
- ROOK, bird, xx. 842; vi. 617; cranium of, iii. 715.
- ROOKE, Sir George, English naval commander, xx. 843.
- ROORKEE, town, India, xxi. 152.
- ROOSEBEK, Belgium, Battle of (1382), ix. 548.
- ROOST, whirlpool, Shetland, Scotland, xxiv. 542.
- ROOT, ROOTS, of plants, iv. 94; pressure at, xix. 46; curvature of, xix. 60.
- CROPS, Culture of, i. 364.
- ROOTS, of numbers, ii. 532; xvii. 615.
- ROPE, xx. 843.
- ROPER, Mrs, daughter of Sir Thomas More, xvi. 819.
- ROPEWALK SPINNING, xx. 844.
- ROQUEFAVOUR, France, Aqueduct of, ii. 222.
- ROREE (Rohri), town, India, xxi. 803.
- RORIDULA, genus of insectivorous plants, xiii. 137.
- RORQUAL, cetacean mammal, xv. 395; xxiv. 524.
- RORSCHACH, town, Switzerland, xxi. 169.
- RORY O'MORE, Lover's novel, xv. 29.
- ROSA, genus of plants, xx. 850.
- , Monte, Pennine Alps, i. 625; xxiv. 31.
- , Francisco Martinez de la, Spanish poet, xxii. 361.
- , Salvator, Italian painter and satirist, xx. 846; as poet, xiii. 512.
- ROSAMOND, wife of Alboin, king of the Lombards, xiv. 814.
- , Fair, mistress of Henry II. of England, xx. 848.
- ROSANILINE, dye, ii. 48.
- ROSARIO, town, Argentine Republic, xx. 848.
- , El, town, Mexico, viii. 155.
- ROSARY, in Roman Catholic Church, xx. 848.
- ROSAS, Manuel de, president of Argentine Republic, xx. 848; ii. 491.
- ROSCCELLINUS, scholastic philosopher, xx. 848; xxi. 421.
- ROSCHER, Wilhelm, German economist, xix. 391.
- RÖSCHLAUB, Andreas, German physician, xv. 814.
- ROSCIAD, The, by Churchill, v. 766.
- ROSCIANUM (Rossano), ancient town, Italy, xx. 855.
- ROSCIUS, Roman actor, vii. 412.
- ROSCOE, William, English writer, xx. 849.
- ROSCOEITE, mineral, xvi. 426.
- ROSCOMMON, county, Ireland, xx. 849; representation, xxiii. 727; town, xx. 850.
- , Earl of, poet, xx. 850.
- ROSCREA, Tower of, Ireland, xxiii. 406.
- ROSE, plant, xx. 850; xii. 260; of Nishapur, Persia, xviii. 624.
- , or Erysipelas, skin disease, viii. 531; xxii. 122.
- , Roman de la, early French romance, ix. 643; v. 451; xxiv. 585.
- , Valentine, on the writings of Aristotle, ii. 512.
- ROSEAU, town, Dominica, West Indies, vii. 354.
- ROSELITE, mineral, xvi. 404.
- ROSELLE, town, Italy, viii. 636; xi. 212.
- ROSELLINI, Ippolito, Italian Egyptologist, xx. 851; v. 387; works of, on Egyptian monuments, xi. 809.
- ROSE-MALLOES, incense, xii. 718.
- ROSEMARY, plant, xx. 851; xii. 289.
- ROSENBLATT, Wilibrandis, wife of Ceolampadius, xvii. 729.
- ROSENHANE, Gustaf, Swedish poet, xxii. 754.

- ROSENHOF, Rösel von, on protoplasm, XIX. 828.
- ROSENKREUZER (Rosicrucians), fabulous secret society, XX. 852.
- ROSENSTEIN, Nils von, Swedish writer, XXII. 757.
- ROSENSTIEHL'S GREEN, pigment, XIX. 88.
- ROSE OF JERICHO, plant, XX. 851.
- ROSEOLA, skin disease, XV. 658; XXII. 122.
- ROSES, Attar of, XVIII. 526.
- , Wars of the, in England, VIII. 327, 329; XI. 661; XXI. 740.
- ROSETTA, town, Egypt, XX. 851; VII. 768.
- STONE, XX. 851; interpretation of, V. 387.
- ROSE WATER, XX. 851.
- ROSEWOOD, XX. 851.
- ROSH (Rabbenu Asher), German rabbi, XX. 852.
- ROSHAN, state, Central Asia, XVIII. 104.
- ROSH HASSHANAH, of Maimonides, XV. 296.
- ROSHNABAD, estate, Tipperah, India, XI. 820.
- ROSICRUCIANS, fabulous secret society, XX. 852.
- ROSIÈRES-AUX-SALINES, town, France, XVI. 205.
- ROSLIN, resin, XX. 852; for violins, XXIV. 242.
- ROSLAVL, town, Russia, XXII. 183.
- RÖSLER, H., German economist, XIX. 392.
- ROSLIN (or ROSSLYN) CASTLE AND CHAPEL, Scotland, II. 429; VII. 658.
- ROSMARINUS, genus of plants, XX. 851.
- ROSMINIANS, or Institute of Charity, religious order, XX. 853.
- ROSMINI-SERBATI, Antonio, Italian philosopher, XX. 853.
- ROSNV, Baron de (Sully), French statesman, XXII. 633.
- ROSPIGLIOSI, Giulio (Pope Clement IX.), V. 822.
- ROSS, county, Scotland, XX. 853.
- , Earls of, XX. 854.
- , J., settler, Keeling Islands, XIV. 27.
- , Sir James Clark, Arctic and Antarctic explorer, XX. 855; X. 192, 195; XIX. 320, 330.
- , Sir John, Arctic voyager, XX. 855; XIX. 319.
- , Mount, Kerguelen's Land, XIV. 48.
- ROSSA, O'Donovan, Fenian leader, XIII. 271.
- ROSSANO, town, Italy, XX. 855.
- ROSSBACH, Prussia, Battle of (1757), III. 128; IX. 588.
- ROSSE, Third Earl of, astronomer, XX. 855; his observatory at Birr Castle, Ireland, XVII. 711.
- ROSSELLI, Cosimo, Italian painter, XX. 856.
- ROSSELLINO, Antonio, Florentine sculptor, XX. 856.
- , Bernardo, Italian sculptor and architect, XX. 857.
- ROSSETTI, Dante Gabriel, English poet and painter, XX. 857; XXI. 442.
- ROSSI, Count Pellegrino L. O., Italian economist, XIX. 395; murder of, XIII. 488.
- ROSSIGNOL, lake, Nova Scotia, XVII. 601.
- ROSSINI, Gioachino Antonio, Italian musical composer, XX. 860; XVII. 99.
- ROSSLYN (or ROSLIN) CASTLE AND CHAPEL, Scotland, II. 429; VII. 658.
- , Earl of (Alexander Wedderburn), XXIV. 475.
- RÖST, island, Norway, XIV. 769.
- ROSTELLARIA, genus of Mollusca, XVI. 651.
- ROSTOCK, town, Germany, XX. 861; contract of (1755), XV. 776; university of, XXIII. 841.
- ROSTOFF, on the Don, town, Russia, XX. 862.
- , on Lake Nero, town, Russia, XX. 862.
- , Lake, Russia, XXIV. 731.
- ROSTOPCHIN, Count, governor of Moscow, XVII. 217.
- ROSTRA, on Comitium, at Rome, XX. 816.
- RÖS VAND, lake, Norway, XVII. 576.
- ROSWEYD, Heribert, Bollandist father, IV. 18.
- ROSWITHA (Hrosvitha), mediæval writer, XII. 326; VII. 412.
- ROTALIA, genus of Foraminifera, IX. 374.
- ROTALIDEA, order of Protozoa, XIX. 847.
- ROTARY ENGINES, XXII. 516.
- ROTATION, of crops, I. 340.
- OF THE EARTH, Evidence of, VII. 601; X. 197; how affected by tidal friction, XXIII. 377, 378; its geological effects, X. 216.
- ROTATIONS, in mechanics, XV. 690; energy in, VIII. 207.
- ROTATORIA, group of animal parasites, XVIII. 259; XXI. 4.
- ROTELANDE, Hue de, early romancist, XX. 644.
- ROTHAMSTED, England, Manure experiments at, XV. 507.
- ROTHARI, king of the Lombards, XIV. 815.
- ROTHE, Richard, German theologian, XXI. 1; on theological ethics, XXIII. 270.
- RÖTHELN, disease, XV. 658.
- ROTHER, river, England, XXII. 723.
- ROTHERHAM, town, England, XXI. 2.
- ROTHER MARKET, at Stratford-on-Avon, England, XXI. 741.
- ROTHERSAY, town, Scotland, XXI. 2; IV. 580.
- , Duke of, son of Robert III. of Scotland, XXI. 491.
- ROTHINE, dye, V. 86.
- ROTHMANN, Bernhard, German Anabaptist, I. 786.
- ROTHSCHILD, family of Jewish bankers, XXI. 3.
- ROTHWELL, town, England, XXI. 3.
- ROTIFERA, class of animals, XXI. 4; in Lankester's classification, XXIV. 813.
- ROTOMAGUS (Rouen), Roman town, France, XXI. 12.
- ROTONDO, Mont, Corsica, VI. 439.
- ROTROU, Jean de, French tragic poet, XXI. 8; IX. 657.
- ROTTERDAM, town, Holland, XXI. 9.
- RÖTTISITE, mineral, XVI. 425.
- ROTTLERIN, principle in kamala, XIII. 831.
- ROTTNEST ISLAND, Western Australia, XXIV. 508.
- ROTULI LITTERARUM CLAUSARUM, Chancery rolls, XX. 311.
- ROU (Rollo), Scandinavian rover, IX. 535; XVII. 539; XX. 627.
- ROUBAIX, town, France, XXI. 10.
- ROUBILIAC, Louis François, French sculptor, XXI. 10, 560.
- ROUCHER, Jean Antoine, French poet, XXI. 11.
- ROUDAIRE, Élie, on flooding the Sahara, XXI. 151.
- ROUEN, town, France, XXI. 11, 626; libraries of, XIV. 526, 546; pottery ware, XIX. 630.
- ROUGE, colouring matter, XXI. 13.
- ROUGÉ, Olivier C. C. E., Vicomte de, Egyptologist, XI. 794.
- ROUGET DE LISLE, Claude Joseph, French song-writer, XXI. 13.
- ROUGH CAST, in architecture, II. 472.
- ROULE, Cornelis, Dutch Arctic explorer, XIX. 318.
- ROULERS, town, Belgium, XXI. 14.
- ROUM, Arabic name for the Romans, XXI. 14.
- ROUMANIA, country, Europe, XXI. 14; kingdom, in 12th century, XI. 118; forests of, IX. 402; Greek Church of, XI. 157; Jews in, XIII. 686; language of, VIII. 621; XXIV. 270; newspapers of, XVII. 432; periodical literature of, XVIII. 543; Roman Catholics in, XX. 631.
- ROUMANIAN (or ROUMAN) LANGUAGE (Walachian), XXIV. 269; XX. 668; VIII. 621; XIV. 341; dictionaries of, VII. 186.
- ROUMANIANS, or Roumans, XXIV. 268; in Greece, XI. 83; in Russia, XXI. 80; of Transylvania, XXIII. 522.
- ROUMELIA, province, Bulgaria, XXI. 21; Eastern, united to Bulgaria, XXIII. 652.
- ROUND, in music, XVII. 82.
- ROUNABOUT PAPERS, Thackeray's, XXIII. 216.
- ROUNDEL, in heraldry, XI. 697.
- ROUND TABLE, Legend of the, VIII.

- 407; xv. 523; romances of, II. 650; xx. 642; French writings on, v. 687; ix. 638.
- ROUND TABLE, Arthur's, mound at Caerleon, England, iv. 632.
- ROUND TOWERS, XXI. 22; Irish, architecture of, II. 429; in Fermanagh, Ireland, ix. 91; in Kildare, Ireland, xiv. 73; Petrie's essay on, XVIII. 712.
- ROUND-WORM, Disease due to, XVIII. 270.
- ROUS, or Rouse, Francis, translator of the Psalms, XXI. 22; XII. 590.
- ROUSAY, island, Orkney, Scotland, XVII. 846.
- ROUSSEAU, Jacques, French painter, XXI. 22.
- , Jean Baptiste, French poet, XXI. 23; ix. 664.
- , Jean Jacques, French man of letters, XXI. 23; ix. 667; XXII. 798; his influence on education, vii. 675; his testimony to Jesus Christ, XIII. 670; his musical theories, xvii. 92; as satirist, XXI. 320; influence of his writings, ix. 592.
- , Théodore, French painter, XXI. 27.
- ROUSSELAERE (Roulers), town, Belgium, XXI. 14.
- ROUSSELIN (Roscellinus), scholastic philosopher, xx. 848.
- ROUSSILLON, province, France, XXI. 28.
- ROUVRAY, Louis de, Duc de Saint Simon, XXI. 198; ix. 668.
- ROVERE, Della, ruling family of duchy of Urbino, XXIV. 9.
- , Francesco della (Pope Sixtus IV.), XXII. 103.
- , Francesco Maria della, prince of Urbino, xv. 787.
- , Giuliano della (Pope Julius II.), XIII. 771.
- ROVEREDO, town, Tyrol, Austria, XXI. 28.
- ROVIGNO, town, Austria, XXI. 28.
- ROVIGO, town, Italy, XXI. 29.
- , A. J. M. R. Savary, Duc de, governor of Algeria, I. 567; XXI. 325.
- ROVIN, John, his longevity, xiv. 858.
- ROVING FRAMES, cotton machinery, vi. 495.
- ROVNO, town, Russia, XXIV. 282.
- ROVUMA, river, Africa, I. 255.
- Row, Sir Thomas, English political agent, xx. 619.
- ROWAN-TREE, or Mountain Ash, II. 680.
- ROW-BOATS, XXI. 825.
- ROWE, Nicholas, English dramatist, XXI. 29; vii. 435.
- ROWERS, Greek, XXI. 807.
- ROWING, XXI. 29.
- ROWLAND, his experiments in magnetism, xv. 255.
- ROWLANDS, Daniel, Welsh Methodist preacher, xvi. 193.
- ROWLANDSON, Thomas, English caricaturist, XXI. 32; v. 104.
- ROWLEY, G. D., on birds, XVIII. 13.
- , Thomas, Poems by, Chatterton's, v. 446.
- , William, English dramatist, XXI. 33.
- REGIS, town, England, XXI. 33.
- ROWS, of Chester, v. 604.
- ROXANA, wife of Alexander the Great, I. 484; xv. 142; XVIII. 584.
- , Alabaster's Latin tragedy, I. 440.
- , Defoe's novel, vii. 29.
- ROXAS-ZORILLA, Francisco de, Spanish dramatist, xx. 624; vii. 421; XXII. 359.
- ROXBURGH, county, Scotland, XXI. 33.
- CASTLE, Scotland, XXI. 34.
- ROXBURGHE CLUB, literary society, Scotland, vii. 172.
- ROXBURY, suburb of Boston, Massachusetts, U.S.A., XXI. 34; iv. 74.
- ROXO, Cape, West Africa, XXI. 661.
- ROY, Rammohun, founder of Brahma Somaj, India, XXI. 34.
- , William, English geodesist, XXI. 35.
- ROYABAMBA, town, Ecuador, South America, xx. 562.
- ROYAL ACADEMY, London, xiv. 836.
- ROYAL COLLEGE OF PHYSICIANS, London, xiv. 652.
- ROYAL EXCHANGE, London, xiv. 832, 846.
- ROYAL FAMILY, British, Precedence of, xix. 662.
- ROYAL GEOGRAPHICAL SOCIETY, England, x. 191, 193.
- ROYAL HOUSEHOLD, English, XXI. 35; precedence of, xix. 662.
- ROYAL MINT, London, xvi. 486.
- ROYAL PREROGATIVE, xix. 672.
- ROYAL SOCIETY, of London, XXI. 38; xiv. 835.
- ROYAL SUPREMACY, over Church of England, viii. 374.
- ROYAL TITLES, XXIII. 417.
- ROYAL UNIVERSITY, of Ireland, XXIII. 855.
- ROYAL VETO, XXIV. 207.
- ROYAL WARRANT, XXIV. 371.
- ROYAN, town, France, XXI. 40.
- ROYAPET KISTNAMPET, part of Madras city, India, xv. 188.
- ROYAT, spa, France, xvi. 435, 436; xx. 120.
- ROY BAREILLY, district and town, India, xx. 222.
- ROYER-COLLARD, Pierre Paul, French statesman and philosopher, XXI. 40; his influence on Cousin, vi. 51.
- ROYLE, John Forbes, English botanist, XXI. 40.
- ROZET, Abbé, French agriculturist, XXIV. 198.
- ROZIER, François Pilâtre de, French aeronaut, I. 188, 191.
- RSHEFF, town, Russia, XXI. 119; XXIII. 672.
- RUANG, Phra, Siamese ruler, XXI. 854.
- RUAPEHU, mountain, New Zealand, xvii. 466.
- RUAS (Rugulas), Hunnic king, XII. 381.
- RUBAIS, form of Persian poetry, xvii. 771.
- RUBBER, of whist, XXIV. 546.
- , India-, XII. 835.
- RUBBLE WORK, in architecture, II. 472; walls of, iv. 470.
- RUBELLAN, mineral, xvi. 413.
- RUBELLITE, mineral, xvi. 409.
- RUBENS, John, Flemish lawyer, XXI. 41.
- , Peter Paul, Flemish painter, XXI. 41, 439; his relations with Van Dyck, XXIV. 60; with Velazquez, XXIV. 132; his tomb in Antwerp, II. 146.
- RUBEOLA, disease, xv. 657.
- RÜBEZAH, German goblin, xx. 552.
- RUBIA, genus of plants, xv. 176.
- RUBICELLA, mineral, xvi. 386.
- RUBICON, river, Italy, XIII. 437.
- RUBIDIUM, chemical element, v. 524; xix. 592.
- RUBROUCK, commune, French Flanders, XXI. 46.
- RUBRUQUIS (William of Rubruk), Franciscan traveller, 13th century, XXI. 46; x. 178; on Cathay, v. 628; on Prester John, xix. 716.
- RÜBSEN SEED, xx. 273.
- RUBY, precious stone, XXI. 47.
- RUCANAS, Peruvian nation, XVIII. 676.
- RUCELINUS (Roscellinus), mediæval scholastic, xx. 848.
- RUCCELLAI, Giovanni, Italian writer, XIII. 510.
- RÜCKERT, Friedrich, German poet, XXI. 49; x. 543.
- RUCU PICHINCHA, mountain, Ecuador, vii. 645.
- RUDAGI, Persian poet, XXI. 49; XVIII. 656.
- RUDBECK, Olaf or Olof, Swedish naturalist and scientist, xiv. 672; XXII. 755; XXIII. 860; as anatomist, I. 811.
- RUDD, fish, XXI. 49; xx. 582.
- RUDDER, of a ship, XXI. 602.
- RUDDIMAN, Thomas, Scottish scholar, XXI. 50.
- RUDE, François, French sculptor, XXI. 50, 564.
- RUDENBECK, Germany, Dolmen at, XXI. 52.
- RUDE STONE MONUMENTS, XXI. 50; II. 338, 383; vi. 597; in Polynesia, xix. 428; in Porto Rico, xix. 532; at Stonehenge, XXII. 576.
- RUDNIK, mountains, Servia, XXI. 686.
- RUDOLFSHEIM, suburb of Vienna, Austria, ix. 827.
- RUDOLPH I., German king, XXI. 53; XXII. 782; as count of Hapsburg, x. 493; his relations to the popedom, xx. 798.
- II., emperor, XXI. 53.

- RUDOLPHINE TABLES, Kepler's, XIV. 47.
- RUDOLSTADT, town, Germany, XXI. 53, 461.
- , Schwarzburg-, principality, Germany, XXI. 461.
- RUDSTON, Yorkshire, England, Monolith at, XXI. 51.
- RUE, herb, XII. 289.
- RUEDA, Lope de, Spanish dramatist, VII. 420; XXII. 356.
- RUFF, bird, XXI. 54.
- RUFF-AND-HONOURS, old card game, XXIV. 543.
- RUFFE, fish, XIX. 481.
- RUFIJI, river, Africa, I. 255.
- RUFINUS, the Goth, XX. 780.
- , Tyrannius, early Christian writer, XXI. 55; XXII. 238; his relation to St Jerome, XIII. 630; his translations and editions of Origen, XVII. 840.
- RUFISQUE, town, Senegal, Africa, XXI. 660.
- RUFUS, of Ephesus, anatomist, I. 802; XXII. 675.
- RUGBY, town, England, XXI. 55.
- SCHOOL, England, under Arnold, II. 627; observatory, XVII. 711.
- RUGE, Arnold, German philosophical and political writer, XXI. 56; XXII. 210.
- RÜGEN, island in Baltic Sea, Germany, XXI. 56; XIX. 442.
- RUGGIERI, archbishop of Pisa, XIX. 120.
- RUGII, Teutonic tribes, XVII. 726.
- RUGISI, strait, in Victoria Nyanza Lake, Africa, XVII. 504.
- RUGOSA, order of corals, VI. 380.
- RUGULAS, Hunnic king, XII. 381.
- RUHLA, town, Germany, XXI. 347.
- RÜHLMANN, Richard, his barometric formula, III. 386.
- RUHMESHALLE, at Munich, Bavaria, XVII. 26.
- RUHNKEN, David, classical scholar, XXI. 57; his relations with Wyttenbach, XXIV. 714.
- RUHR, river, Germany, XX. 519.
- RUHRORT, town, Rhenish Prussia, XXI. 58.
- RUIBINSK (Rybinsk), town, Russia, XXI. 116.
- RUINI, Carlo, Italian veterinarian, XXIV. 198; his alleged discovery of circulation of the blood, XI. 504; XXIV. 96.
- RUIN MARBLE, mineral, XVI. 397.
- RUISDAAL (Ruysdael), Jacob, Dutch painter, XXI. 114, 439.
- RUISSELEDE, town, Belgium, XXI. 115.
- RUIVO, Pico, mountain, Madeira Islands, XV. 177.
- RUIZ, Juan, Spanish poet, XXII. 353.
- DE ALARCON, Juan, Spanish dramatist, XXII. 359; VII. 421.
- RUKH (Roc), fabulous bird, XX. 611.
- SHAH, ruler of Persia, XVIII. 632, 643.
- RULE BRITANNIA, Music of, II. 623.
- RULE OF THE ROAD, XI. 811; at sea, XVII. 277.
- RULE OF THREE, in arithmetic, II. 535.
- RULES OF PROCEDURE, in law, XIV. 358.
- RULHIÈRE, Claude Carloman de, French poet and historian, XXI. 58; IX. 668.
- RULING, Paper, XXII. 461.
- RULLIANUS, Q. Fabius, Roman general, XX. 742.
- RUM, spirituous liquor, XXI. 58; distillation of, VII. 264.
- , island, Scotland, II. 500.
- (Roum), Arabic name for the Romans, XXI. 14.
- (Asia Minor), Seljuks of, XXI. 14, 636.
- RUMANIA, or Roumania (*q.v.*), XXI. 14.
- RUMANTZOFF, Russian general, XXI. 99.
- RUMEX, genus of plants, VII. 309.
- RUMFORD, Count (Sir Benjamin Thompson), scientist and diplomatist, XXIII. 309; his experiments on heat, VIII. 208; on chemical properties of light, XVIII. 821.
- RUMI, Jelal-uddin, Persian poet, XXI. 59, 637; XVIII. 658.
- RUMINANTS, or Ruminantia, division of Mammalia, XV. 421, 431; in South America, I. 682.
- RUM KALA, town, Syria, II. 147.
- RÜMKER, Carl Ludwig Christian, German astronomer, XXI. 59.
- RUMMEL, river, Algeria, I. 563.
- RUMNEY, river, Wales, XVI. 753.
- RUMONSCH LANGUAGE, XX. 668; XIII. 492.
- RUM SHRUB, beverage, XXI. 59.
- RUNCIMAN, Alexander, Scottish painter, XXI. 60.
- , John, Scottish painter, XXI. 60.
- RUNCORN, town, England, XXI. 60.
- RUNEBERG, Johan Ludwig, Swedish poet, XXI. 60; XXII. 758.
- RUNES, archaic alphabetic characters, I. 607, 612; XXI. 366, 370.
- RUNGPORE (Rangpur), district and town, India, XX. 272.
- RUNIC INSCRIPTIONS, I. 607, 612; XXI. 366, 370.
- RUNIGUNJ (Raniganj), coalfield, Bengal, India, III. 371, 568; XII. 737.
- RUNIUS, Johan, Swedish poet, XXII. 755.
- RUNJIT (or RANJIT) SINGH, Sikh ruler, India, XX. 111.
- RUNN, of Cutch, morass, India, VI. 730.
- RUNNING, XXI. 60.
- RUNO, island in Baltic Sea, Russia, XIV. 723; XVII. 732.
- RUNRIG, land system, Shetland, Scotland, XVII. 848.
- RUPELLA (La Rochelle), ancient town, France, XX. 613.
- RUPERT, St, apostle of Bavaria, XXI. 61.
- , king of Germany, X. 495.
- , prince of Bavaria, English general and admiral, XXI. 61.
- OF DEBATE (Earl Derby), VII. 110.
- RUPERT'S DROPS, philosophical toy, II. 63.
- RUPERT'S LAND, region, British North America, XII. 333; XVII. 573.
- RUPHIA, river, Greece, I. 615; XVII. 765.
- RUPPINER SEE, lake, Prussia, XVII. 364.
- RUPTURE, disease, XI. 752.
- , in beams, Modulus of, IV. 292.
- RURIK, early Russian chief, XXI. 87.
- RURKI, town, India, XXI. 152.
- RUSA, deer of Java, XIII. 602.
- RUSERA, town, India, XXIII. 407.
- RUSH, plant, XXI. 62.
- , Benjamin, American physician and politician, XXI. 62.
- RUSHBROOK, town, Ireland, XX. 175.
- RUSH NUT, XVII. 664.
- RUSHT, or Rasht, town, Persia, XVIII. 628.
- RUSHWORTH, John, English compiler of historical collections, XXI. 63.
- GOSPELS, VIII. 382.
- RUSICADA, town, Numidia, XVII. 628.
- RUSKIN, John, on beauty, I. 222; on Turner, XXIII. 664; his Stones of Venice, XXIV. 151.
- RUSS COMMONWEALTH, Giles Fletcher's work, IX. 304.
- RUSSELL, Earl, English statesman, XXI. 63; VIII. 366; his relations with Lord Palmerston, XVIII. 195.
- , William, Lord, English patriot, XXI. 65.
- , John Scott, Scottish engineer, XXI. 66.
- RUSSELLÆ (Roselle), Etruscan town, Italy, VIII. 636.
- RUSSIA, country, Europe, XXI. 67 (index, 110); original principality of, XXI. 89; in Asia, II. 701; XVIII. 101; XXII. 1; influence of, on the balance of power in Europe, III. 269; in time of Catherine II., V. 233; conquest of the Caucasus by, V. 258; Crimean War, IX. 623; sympathy of, with modern Greeks, XI. 122; conquest of the Khazars by, XIV. 60; invasion of, by Mongols, XVI. 741, 747; invasion of, by Napoleon (1811), IX. 616; XVII. 216; war with Persia, XVIII. 647; share of, in partition of Poland, XIX. 298; influence of, in Turkestan, XXIII. 637, 639; wars with Turkey (1736, 1828, 1877), XXIII. 647, 650, 652; academies, I. 72, 77; army, II. 608; arsenals, II. 634; artillery, II. 660, 667; coalfields, VI.

- 58; coins, XVII. 658; Cossacks, VI. 448; drama, VII. 444; forests, IX. 401; foundling hospitals, IX. 483; gold, X. 743; Greek Church, XI. 157; Jews in, XIII. 686; land laws, XIV. 262; language, XXII. 148; Lapps, XIV. 306; libraries, XIV. 533, 549; mines, XVI. 468; navy, XVII. 299; newspapers, XVII. 430; observatories, XVII. 714; oyster culture, XVIII. 108; periodical literature, XVIII. 543; police system, XIX. 344; prison system, XIX. 761; railways, XX. 251; serfdom, XXII. 143; Tartar population, XXIII. 70; university statistics, XXIII. 849, 852; weights and measures, XXIV. 490.
- RUSSIAN ALPHABET, I. 614.
- RUSSIAN AMERICA, or Alaska (*q.v.*), I. 443, 711.
- RUSSIAN BATHS, III. 438.
- RUSSIAN LANGUAGE, XXI. 109; XXII. 148; dictionaries of, VII. 188; VI. 762.
- RUSSIAN LEATHER, XIV. 388; odour imparted to, III. 698.
- RUSSIAN LITERATURE, XXI. 102.
- RUSSIANS, race of people, Europe, XXI. 79; XXII. 145, 147; in time of Byzantine empire, XI. 116.
- RUST, on iron, XVI. 70.
- RUSTAM, Persian ruler, XVIII. 633; as hero in Persian literature, XVIII. 656.
- RUSTCHUK, town, Bulgaria, XXI. 110.
- RUSTICIANO of Pisa, Italian writer, XIII. 501; XIX. 407.
- RUSTICO, town, Prince Edward Island, XIX. 740.
- DI FILIPPO, Italian poet, XIII. 501.
- RUSTRE, in heraldry, XI. 697.
- RUTEBEUF, early French writer, IX. 642.
- RUTENU, district, ancient Syria, XXII. 822.
- RUTGERS COLLEGE, New Brunswick, New Jersey, U.S.A., XVII. 375.
- RUTH, Book of, XXI. 110.
- RUTHENA (Rodez), Roman town, France, XX. 617.
- RUTHENIANS, race of people, Russian Poland, XIX. 309; as Roman Catholics, XX. 631.
- RUTHENIUM, chemical element, V. 537; XIX. 189, 192.
- RUTHERFORD, John, his thermometer, XXIII. 291.
- , L. M., his observatory, at New York, XVII. 715.
- RUTHERFURD, Samuel, Scottish divine, XXI. 112.
- RUTHERGLEN, town, Scotland, XXI. 112.
- RUTHVEN, Lady Mary, wife of Van Dyck, XXIV. 63.
- , Raid of (1582), Scotland, XIII. 558; XXI. 507.
- RUTHWELL CROSS, Scotland, Runic inscription on, XVII. 570.
- RUTICILLA, genus of birds, XX. 317.
- RUTILE, mineral, XVI. 386; XXIII. 410.
- RUTILIUS CLAUDIUS NAMATIANUS, Latin poet, XXI. 112.
- RUTLAM, state, India, XX. 292.
- RUTLAND, county, England, XXI. 113.
- , town, Vermont, U.S.A., XXI. 114; XXIV. 167.
- RUTLEDGE, John, American chief-justice, XXIII. 748.
- RUTNAGHERRY (Ratnagiri), district and town, India, XX. 292.
- RUTULI, an ancient people of Latium, XIV. 343.
- RUTULIANS, Caucasian tribe, XIV. 475.
- RUY DIAZ CAMPEADOR (The Cid), Spanish hero, XXII. 315.
- RUYSBROECK, John, Flemish mystic, XXI. 114, 46; XII. 91; XVII. 133.
- RUYSCH, Frederik, Dutch anatomist, XXI. 114; I. 812.
- RUYSDAEL, Jacob, Dutch painter, XXI. 114, 439.
- RUYSELEDE, town, Belgium, XXI. 115.
- RUYTER, Michael Adrian de, Dutch admiral, XXI. 115; XII. 80.
- RUZ, Val de, Neuchâtel, Switzerland, XVII. 361.
- RYAN, Loch, Wigtown, Scotland, XXIV. 562.
- RYAZAN, government, Russia, XXI. 115; principality, XXI. 89; town, XXI. 116.
- RYAZHSK, town, Russia, XXI. 116.
- RYBINSK, town, Russia, XXI. 116.
- RYCAUT, Sir Paul, English traveller and diplomatist, XXI. 116.
- RYDBERG, Viktor, Swedish writer, XXII. 758.
- RYDE, town, Isle of Wight, England, XXI. 117.
- RYDELIUS, Anders, Swedish Cartesian writer, XXII. 755.
- RYE, grain, XXI. 117; culture of, I. 360.
- , town, England, XXI. 117; XXII. 725.
- , Spurred, or ergot, VIII. 521; IX. 834.
- RYECHITSA, town, Russia, XVI. 479.
- RYEGRASS, Culture of, I. 371, 375, 380.
- RYE HOUSE, Hertfordshire, England, XI. 772.
- RYE HOUSE PLOT, England, XVI. 756.
- RYEKA, town, Montenegro, XVI. 781; river, XVI. 780.
- RYESHETNIKOFF, Russian novelist, XXI. 108.
- RYEZHITZA, town, Russia, XXI. 118; population, XXIV. 262.
- RYKOVSK, town, Saghalin, East Asia, XXI. 147.
- RYLAND, William Wynne, English engraver, XXI. 118.
- RYMER, Thomas, English historiographer, XXI. 118.
- RYNGOLD, Lithuanian chief, XIV. 702.
- RVOT, or Rayat, Indian peasant proprietor, XV. 289; XII. 770.
- RYPE, Norwegian game bird, XVII. 581.
- RYPIN, town, Poland, XIX. 227.
- RYSBRACK, John Michael, sculptor, XXI. 560.
- RYSBROECK (Ruysbroeck, *q.v.*), John of, Flemish mystic, XXI. 114, 46.
- RYSELBERG'S TELEPHONIC SYSTEM, XXIII. 133.
- RYSWICK, Holland, Congress of (1697), VI. 270; IX. 580; XII. 81.
- RZACZYNSKI, on birds, XVIII. 8.
- RZHEFF, Rjev, or Rzhoff, town, Russia, XXI. 119; XXIII. 672.
- S**, the nineteenth letter of the alphabet, XXI. 120.
- SAADI, Persian poet, XXI. 142; XVIII. 659.
- SAADIA, Jewish rabbi and scholar, XXI. 120.
- SAALFELD, town, Germany, XXI. 122, 348.
- SAARBRÜCKEN, town, Prussia, XXI. 122.
- SAARDAM, town, Holland, XXIV. 761.
- SAARGEMÜND, town, Lorraine, Germany, XXI. 122.
- SAAVEDRA, Angel de, Spanish poet and politician, XXI. 122; XXII. 343, 361.
- , Miguel de Cervantes, Spanish writer, V. 347. See Cervantes.
- FAXARDO, Diego de, Spanish diplomatist and writer, XXI. 122.
- SAAZ, town, Bohemia, XXI. 122.
- SABA, people, Arabia, XXIV. 738.
- SABADILLA SEEDS, Drug from, XXIV. 163.
- SABEAN LANGUAGE, XXI. 653; XXIV. 740.
- SABEANS, South-Arabian people, XXIV. 738.
- SABAH, or British North Borneo, XXI. 123.
- SABARMATI, river, India, XX. 260.
- SABAS, St, Syrian ascetic, XXI. 124.
- , St, the Goth, Christian martyr, XXI. 124.
- SABAZIUS, in Greek legend, VII. 249; XVIII. 853.
- SABBAS, or Sabas, St, Syrian ascetic, XXI. 124.
- , St, archbishop of Servia, XXI. 689.
- SABBATH, XXI. 124; Christian observance of, XXII. 654.
- , The, Grahame's poem, XI. 34.
- , The Witches', Legend of, XIII. 674.
- SABBE, Hebrew sibyl, XXII. 13.
- SABELLA, genus of Annelida, II. 68.
- SABELLIANISM, theological doctrine, XIII. 671; XXI. 127.
- SABELLIANS, or Oscans, Italian people, XIII. 445; XXI. 129.
- SABELLIUS, early theologian, XXI. 127.
- SABHA, John, Syriac writer, XXII. 835.
- SABHR-ISHO, Syriac writer, XXII. 838.
- RUSTAM, Syriac writer, XXII. 843.

SABIANS, sect mentioned in Koran, XXI. 128; name claimed by Mandæans, xv. 467; wrongly applied to star worshippers, XXI. 128.

SABICU WOOD, XXI. 128.

SABINA, genus of plants, XIII. 774.

SABINE, river and lake, Louisiana and Texas, U.S.A., xv. 20; XXIII. 203.

—, Sir Edward, English astronomer, XXI. 128; his observations in polar regions, XIX. 319.

SABINES, ancient Italian people, XXI. 128; XIII. 444; XX. 669; in Rome, XX. 731; their contest with the Umbrians, XXIII. 723.

—, Rape of the, VIII. 619.

SABINIANS, Roman jurists, XIV. 164.

SABINIANUS, pope, XIX. 494.

SABLE, carnivorous mammal, xv. 577; skins of, ix. 838.

SABLÉ, town, France, XXI. 314.

SABLES D'OLONNE, town, France, XXI. 129.

SABLIÈRE, Madame de la, patroness of La Fontaine, XIV. 204.

SABLYA, mountain, Russia, XXIV. 4.

SABOTA, town, Arabia, XXIV. 740.

SABRE, weapon, XXII. 801.

SABRINA, volcanic island, Azores, III. 170.

— ISLAND, South Polar Regions, XIX. 330.

SABSAWAR, town, Persia, XVIII. 627.

SABUKTAGIN, prince, Persia, XXI. 241.

SABUTAI BAHADUR, Mongol leader, XVI. 741.

SABZVAR, town, Afghanistan, I. 231.

SACASTANE (Sistan), province, Persia, XXII. 100.

SACATE GRANDE, island, Honduras, XII. 130.

SACCAS, Ammonius, founder of Alexandrian Neoplatonism, I. 743; XVII. 335.

SACCATÆ, group of Actinozoa, I. 132.

SACCATOO, or Sokoto, country, Central Africa, XXII. 248.

SACCHARINE, artificially - produced sugar, XXII. 623.

SACCHAROMETER, Use of, in brewing, IV. 265, 266.

SACCHAROMYCES, yeast plant, IX. 96.

SACCHAROSES, group of sugars, XXII. 624.

SACCHETTI, Franco, Italian novelist, XXI. 130; XIII. 505.

SACCHI, Andrea, Italian painter, XXI. 130.

SACCHINI, Antonio Maria Gaspare, Italian musical composer, XXI. 130.

SACEDON, spa, Spain, XVI. 433.

SACERDOTALISM, priestly rule, XIX. 724.

SACHAROF, his balloon ascents, I. 194.

SACHETS, Perfume, XVIII. 527.

SACHEVERELL, Henry, English divine, XXI. 130; VIII. 353.

SACHS, Hans, German poet and dramatist, XXI. 131; VII. 440; X. 528; XVII. 83; his house at Nuremberg, XVII. 663.

SACHSENSPIEGEL, German law code, X. 525.

SACKBUT, musical instrument, XXIII. 586.

SACK MANUFACTURE, XXI. 131.

SACK-MEAD, beverage, XII. 137.

SACKVILLE, town, New Brunswick, XVII. 375.

—, Charles, sixth earl of Dorset, VII. 373.

—, Thomas, first earl of Dorset, VII. 372; as dramatist, VIII. 416.

SACO, town, Maine, U.S.A., XXI. 131; river, xv. 298.

SACRAMENT, SACRAMENTS, XXI. 131; analogy of, to the Greek Mysteries, XVII. 125; in Greek Church, XI. 158; decrees respecting, at council of Trent, XXIII. 546, 550; Quaker doctrine regarding, xx. 150. See also Baptism, Eucharist, etc.

SACRAMENTAL SACRIFICES, XXI. 137.

SACRAMENTAL WINE, XXIII. 159.

SACRAMENTARY, or Missal, XVI. 508.

SACRAMENTO, town, California, U.S.A., XXI. 132; river, IV. 696.

SACRAMENTUM, in Roman law, XX. 682.

SACRA VIA, Rome, XX. 818, 824.

SACRED ART, The, in alchemy, I. 461.

SACRED BEETLE, of Egypt, VI. 131.

SACRED MUSIC, XVII. 80, 84, 88; XIX. 168.

SACRED RITES, Congregation of, in Church of Rome, XX. 630.

SACRIFICE, XXI. 132; XVIII. 344; in relation to an oath, XVII. 699; to priesthood, XIX. 725; to totemism, XXIII. 471; to vows, XXIV. 301; ancient Mexican, XVI. 211.

SACRIFICES, Human, I. 55; XVI. 696; in Dahomey, VI. 767; in India, III. 564; in Phœnicia, XVIII. 803.

SACRILEGE, XXI. 140.

SACRISTY, in architecture, II. 472.

SACRO BOSCO, Johannes de, Scottish astronomer, XXI. 140, 543.

SACRUM, Anatomy of the, I. 821.

SACS, American-Indian tribe, XII. 832.

SACY, Antoine Isaac, Baron Silvestre de, French Orientalist, XXI. 140.

—, Isaac Louis le Maître de, Port-Royalist, XXI. 141.

SADAICH, river, Persia, XVIII. 620.

SADDLE, Horse, XII. 198.

— BAR, in architecture, II. 472.

— MOUNTAIN, Massachusetts, U.S.A., XXIII. 792.

SADDLERY, XXI. 142.

SADDUCEES, Jewish sect, XXI. 142; XIII. 423; XVI. 55.

SÁ DE MIRANDA, Francisco de, Portuguese poet, XXI. 142.

SADI, Persian poet, XXI. 147; XVIII. 659.

SADIKIYA, Moslem college, at Tunis, XXIII. 622.

SADLER, Sir Ralph, English statesman, XXI. 143.

SADO, island, Japan, XIII. 569.

SADOLETO, Jacopo, Italian humanist, XXI. 144.

SADOWA, Bohemia, Battle of (1866), XIV. 138.

SAD-UD-DIN, Ottoman historian, XXIII. 657.

SADYATTES, king of Lydia, xv. 100.

SÆMUND SIGFUSSON, or Sæmundar, Icelandic writer, VII. 650; XII. 624; Edda of, VII. 650.

SÆPINUM, Samnite town, Italy, XXI. 249.

SÆTABIS (Játiva), ancient town, Spain, XIII. 597.

SAFA, district, Syria, Inscriptions of, XXI. 651.

— HILL, at Mecca, Arabia, xv. 674.

SAFARIK, Paul Joseph, Hungarian writer, XXI. 386, 108; on the Slavs, XXII. 145.

SAFAWI DYNASTY, Persia, XVIII. 634; XXII. 664.

SAFE-CONDUCT, passport, XVIII. 344.

SAFES, XXI. 144; safe locks, XIV. 749.

SAFETY-LAMPS, VI. 72; XVI. 461; Sir Humphry Davy's, VI. 847.

SAFFAH, Abdallah, founder of Abbasid dynasty, XVI. 574, 578.

—, Al-, caliph, XVI. 577.

SAFFARIDS, Moslem dynasty, XVI. 586.

SAFFI, town, Morocco, XXI. 145; XVI. 831.

SAFFLOWER, plant, XXI. 145; XXIII. 307; oil from, XVIII. 744, 746.

SAFFRON, dye and drug, XXI. 145; as incense, XII. 718.

—, Meadow, plant, VI. 124.

— WALDEN, town, England, XXI. 146.

SAFID RUD, river, Persia, XVIII. 620.

SAGA, in Scandinavian mythology, I. 211; in Scandinavian literature, XII. 623; XXII. 201.

SAGAING, town, Burmah, III. 143.

SAGAI, Tartar people, Siberia, XXIII. 70.

SAGAN, town, Prussia, XXI. 146; principality, XXI. 146.

SAGAR, district, India, XXI. 146; town, XXI. 147.

SAGARD, town, Rügen, Prussia, XXI. 57.

SAGAS OF NORWEGIAN KINGS, Snorro Sturluson's work, XXII. 201.

SAGE, Stoic doctrine of the, XXII. 570.

—, culinary herb, XII. 251, 264, 289.

— BRUSH, tree, Rocky Mountains, U.S.A., XXIII. 810.

SAGGING, of a ship, XXI. 818.

SAGHALIN, island, East Asia, XXI. 147.

- SAGINAW, town, Michigan, U.S.A., XXI. 148.
- SAGITTA, marine worm, XXI. 148.
- SAGIUM (Sées), ancient town, France, XXI. 621.
- SAGLIASSUS, town, Asia Minor, XIX. 130.
- SAGO, a food-starch, XXI. 148.
- PALM, tree, XVIII. 190.
- SAGUENAY, river, Canada, XX. 165; XXI. 181.
- SAGUNTO, town, Spain, XXI. 149.
- SAGUNTUM, ancient town, Spain, XXI. 149; siege of (218 B.C.), XI. 441.
- SAGUS, genus of palms, XVIII. 190.
- SAHARA, region, Central Africa, XXI. 149; I. 249, 268, 563; XVII. 628; artesian wells in, II. 646; oases of, XVII. 695.
- SAHARANPUR, district, India, XXI. 151; town, XXI. 152.
- SAHDONA, Syriac writer, XXII. 842.
- SAHI, ancient Syria, XXII. 822.
- SAHIDIC, Egyptian dialect, VI. 355.
- SAHIH, book of Moslem traditions, XVI. 594.
- SAHLITE, mineral, XVI. 416.
- SAHS, Indian dynasty, XII. 790.
- SAI, river, India, XX. 222.
- SAIDA, or Sidon (*q.v.*), town, Syria, XXII. 35.
- SAID BAR SABUNI, Syriac writer, XXII. 849.
- SAID MUHAMMAD ALI, founder of the Babis, XVIII. 650.
- SAIDSCHÜTZ, spa, Bohemia, XVI. 436.
- SAIF IBN OMAR, Arab historian, XXIII. 3.
- SAIGA, antelope, II. 102; XV. 432.
- SAIGON, town, Cochin China, XXI. 152; VI. 96.
- SAIKIO (Kioto), town, Japan, XIV. 92.
- SAIL, SAILS, XXI. 153, 822; setting and reefing of, XXI. 599.
- SAILCLOTH, XXI. 154.
- SAILING SHIPS, XXI. 822.
- SAILMAKING, XXI. 154.
- SAILORS, Laws affecting, XXI. 605.
- SAILORS' KNOTS, XIV. 128.
- SAILUGHEM, mountains, Siberia, XXII. 3; XXIII. 437.
- SAIMIRI, squirrel monkey, II. 154.
- SAINFOIN, plant, XXI. 155; culture of, I. 377.
- SAINT, XXI. 155. See also Saints.
- , Thomas, inventor of a sewing machine, XXI. 718.
- ST AGNES, one of the Scilly Isles, England, XXI. 465.
- , Basilica of, at Rome, III. 417.
- , Cemetery of, at Rome, V. 208.
- ST ALBAN, Viscount (Francis Bacon, *q.v.*), III. 200.
- ST ALBANS, town, England, XXI. 155.
- , town, Vermont, U.S.A., XXI. 156.
- ST ALDEGONDE, F. van Marnix, lord of, Dutch Reformer, XII. 92.
- ST AMAND, Odo de, master of Knights Templars, XXIII. 161.
- ST AMAND-LES-EAUX, town, France, XXI. 156; XVII. 535.
- SAINT-AMANT, Fournié de, French chess-player, V. 601.
- , M. A. Gerard, Sieur de, French bacchanalian poet, XXI. 156.
- ST ANDREWS, town, New Brunswick, XVII. 375.
- , town, Scotland, XXI. 157; bishopric, XXI. 477; library, XIV. 523, 542; university, XXIII. 843, 854; first archbishop of, II. 370.
- ST ANGELO, castle, Rome, XX. 831.
- , Monte, Italy, XIII. 439.
- ST ANTHONY'S FIRE, or Erysipelas, disease, VIII. 531.
- ST ARNAUD, Arnaud Jacques Leroy de, French general, I. 569.
- ST ASAPH, town, Wales, XXI. 158; IX. 327.
- ST AUGUSTINE, town, Florida, U.S.A., XXI. 158.
- ST BARNABAS, station, Norfolk Island, XVII. 537.
- ST BARTHOLOMEW, or St Barthélemy, island, West Indies, XXI. 159; IX. 526.
- ST BARTHOLOMEW'S DAY, Massacre of, in France, IX. 561; V. 412.
- ST BARTHOLOMEW'S TEA, or Maté, XV. 627; IV. 227.
- ST BAUME, mountain, Var, France, XXIV. 68.
- ST BEL (Vial), French veterinarian, XXIV. 198.
- ST BERNARD, dog, VII. 327.
- , Great, Hospice on the, Switzerland, XXIV. 31.
- ST BONIFACE, town, Manitoba, Canada, XXIV. 613.
- ST BRANDON, Isle of, imaginary island, IV. 241.
- ST BRICE, Massacre of (1002), England, VIII. 287.
- ST BRIEUC, town, France, XXI. 159.
- ST BROCARDUS, Convent of, on Mount Carmel, Palestine, V. 116.
- ST CALAIS, town, France, XXI. 314.
- ST CALLISTUS, Cemetery of, at Rome, V. 210.
- ST CATHERINES, town, Ontario, Canada, XXI. 159; mineral water of, XVI. 436.
- ST CATHERINE'S COLLEGE, Cambridge, IV. 731.
- ST CECILIA, Church of, at Rome, V. 284.
- ST CHAMAS, France, Bridges at, IV. 329.
- ST CHAMOND, town, France, XXI. 159.
- ST CHARLES, town, Missouri, U.S.A., XXI. 159.
- ST CHRISTAN, spa, France, XX. 127.
- ST CHRISTOPHER, island, West Indies, XXI. 159; buccaneers of, IV. 408.
- ST CLAIR, town, Pennsylvania, U.S.A., XXI. 160.
- , Lake, North America, XXI. 179, 182.
- ST CLEMENT, Rome, Basilica of, III. 417.
- ST CLOUD, town, France, XXI. 160; porcelain works at, XIX. 636.
- ST COLUMB, England, ancient remains at, XXI. 51.
- ST CROIX, island, West Indies, XXI. 160.
- , river, New Brunswick, XVII. 373.
- ST CYPRIEN, suburb of Toulouse, France, XXIII. 484.
- SAINT CYR, Gouvion, French marshal, XI. 8.
- ST CYR-L'ÉCOLE, village, France, XXI. 160; institution for poor girls at, XV. 305.
- ST DAVID'S, town, Wales, XXI. 160; cathedral, XVIII. 483.
- COLLEGE, Wales, XXIII. 856.
- ST DENIS, town, France, XXI. 161.
- , town, Réunion, Indian Ocean, XX. 493.
- ST DIÉ, town, France, XXI. 161.
- SAINTE-BEUVE, Charles Augustin, French critic, XXI. 162; IX. 680.
- SAINTE CHAPELLE, at Paris, XVIII. 288.
- SAINTE-CLAIRE DEVILLE, Étienne Henri, French chemist, XXI. 165.
- SAINTE CROIX, island, West Indies, XXI. 160.
- STE GENEVIÈVE, Hill of, at Paris, XVIII. 274.
- ST ELIAS, mountain, Greece, XI. 81.
- , Mount, Alaska, U.S.A., I. 444.
- ST ELMO, castle, Naples, XVII. 188.
- , Fort, Malta, XV. 340.
- ST ELMO'S FIRE, XIV. 633.
- STE MARIE-AUX-MINES (Markirch), town, Alsace, Germany, XV. 552.
- SAINT ÉMILION, town, France, XIV. 509.
- SAINTES, town, France, XXI. 167; bridge at, IV. 331.
- ST ÉTIENNE, town, France, XXI. 167.
- ST EUSTATIUS, or St Eustache, island, West Indies, XXI. 168.
- SAINT-ÉVREMOND, Seigneur de, French writer and courtier, XXI. 168; his relations with Ninon de Lenclos, XIV. 445.
- ST ÉVROUL EN OUCHE, France, Abbey of, XVII. 821.
- ST FRANÇOIS, town, Canada, XX. 167.
- ST GALL, canton, Switzerland, XXI. 168; town, XXI. 169; XXII. 784; monastery, I. 12.
- ST GALMIER, spa, France, XVI. 436.
- ST GEORGE, island, Azores, III. 172.
- , town, New Brunswick, XVII. 375.
- BAY, Newfoundland and Nova Scotia, XVII. 382, 601.
- ST GEORGE'S, town, Bermudas, III. 599.
- , town, Grenada, West Indies, XI. 184.
- CHAPEL, Windsor, England, XXIV. 601.

- ST GEORGE'S DAY, II. 214.
 SAINT-GEORGES D'OLÉRON, town, France, XVII. 761.
 SAINT-GERMAIN, Comte de, adventurer, XXI. 169.
 ST GERMAIN-EN-LAYE, town, France, XXI. 170; peace of (1570), IX. 561.
 ST GERVAIS, spa, France, XXI. 332.
 ST GOTTHARD TUNNEL, Switzerland, XXIII. 624.
 ST HELENA, island, South Atlantic, XXI. 170; I. 272; birds of, III. 759; observatory, XVII. 716; Napoleon at, XVII. 225.
 ST HELEN'S, town, England, XXI. 171.
 ST HELIER, town, Jersey, XIII. 635.
 ST HENRI, town, Canada, XX. 167.
 SAINT-HILAIRE, Auguste de, French botanist and traveller, XXI. 171.
 —, Bourjot, on birds, XVIII. 11.
 —, Étienne Geoffroy, X. 173; on tomy and morphology, XVI. 839; on fishes and birds, XVIII. 18.
 —, Isidore Geoffroy, X. 174; on birds, XVIII. 24.
 ST HILDA'S ABBEY, at Whitby, England, IV. 630.
 ST HYACINTHE, town, Canada, XX. 167.
 ST IVES, town, England, XXI. 172; pilchard fishery of, IX. 254.
 ST JACOB, Switzerland, Battle of (1444), IX. 551.
 ST JAGO, island, Cape Verd group, V. 52.
 — DE CUBA, town, Cuba, XXI. 300.
 ST JAMES OF COMPOSTELLA, Order of, XXII. 316.
 ST JAMES'S PALACE, London, XIV. 838.
 ST JAMES'S PARK, London, XIV. 824.
 ST JEAN BAPTISTE, suburb of Montreal, Canada, XXI. 172; XX. 167.
 ST JEAN D'ACRE, town, Syria, I. 120. See Acre.
 ST JEAN D'ANGÉLY, town, France, XXI. 172.
 ST JEAN-DE-MAURIENNE, town, France, XXI. 332.
 ST JOHANN-SAARBRÜCKEN, town, Prussia, XXI. 122.
 ST JOHN, river, Maine, U.S.A., and New Brunswick, XV. 298; XVII. 373.
 —, town, New Brunswick, XXI. 172; XVII. 375.
 —, Bayle, English traveller and writer, XXI. 173.
 —, Charles William George, English sportsman and naturalist, XXI. 173.
 —, Henry (Viscount Bolingbroke, *q.v.*), English statesman, IV. 4.
 —, James Augustus, English traveller and author, XXI. 173.
 —, Lake, Canada, XX. 165.
 — OF JERUSALEM, Knights of, XXI. 173; at Malta, XV. 343; settlement of, in Rhodes, XX. 525.
 ST JOHN'S, town, Canada, XX. 167.
 —, town, Newfoundland, XXI. 175.
 ST JOHN'S, town, Antigua, West Indies, II. 128.
 —, town, Port Rico, West Indies, XIX. 532.
 ST JOHNSBURY, town, Vermont, U.S.A., XXI. 176.
 ST JOHN'S CHRISTIANS, ancient Oriental sect, XV. 467.
 ST JOHN'S COLLEGE, Cambridge, IV. 730.
 ST JOHN'S COLLEGE, Oxford, XVIII. 97.
 ST JOSEPH, town, Missouri, U.S.A., XXI. 176.
 ST JULIEN, town, France, XXI. 333.
 ST JUNIEN, town, France, XXIV. 223.
 SAINT-JUST, Antoine, French Revolutionist, XXI. 176.
 ST KILDA, islet, Outer Hebrides, Scotland, XXI. 177.
 —, town, Victoria, Australia, XXI. 177.
 ST KITT'S, island, West Indies, XXI. 159.
 SAINT-LAMBERT, Jean François de, French poet, XXI. 177.
 ST LAWRENCE, river, North America, XXI. 177; IV. 769; XX. 165.
 ST LEGER, horse-race at Doncaster, England, VII. 361; XII. 201.
 —, Sir Anthony, viceroy in Ireland, XIII. 263.
 ST LÉONARD, town, France, XXIV. 223.
 ST LEONARDS, town, England, XXI. 182.
 —, Lord, lord chancellor of England, XXI. 182.
 ST LEONARD'S COLLEGE, St Andrews, Scotland, XXI. 158.
 ST LÔ, town, France, XXI. 182.
 ST LOUIS, town, Missouri, U.S.A., XXI. 183; bridge at, IV. 339.
 —, town, Senegambia, West Africa, XXI. 182, 660; I. 269.
 —, spa, Michigan, U.S.A., XVI. 436.
 —, Lake, Montreal, XVI. 794.
 ST LUCIA, island, West Indies, XXI. 186.
 ST MALO, town, France, XXI. 186.
 ST MARÇAL DE SENA, town, Mozambique, XVII. 7.
 ST MARGUERITE, island, France, IV. 807.
 ST MARIE, island, Madagascar, XV. 168, 174.
 ST MARK'S CHURCH, Venice, XXIV. 150.
 ST MARK'S EVE, II. 214.
 SAINT MARS, M. de, governor of the Bastille, Paris, XIII. 360.
 ST MARTIN, island, West Indies, XXI. 186.
 —, town, France, XX. 302.
 —, Louis Claude de, French mystic, XXI. 186.
 ST MARTIN'S, one of the Scilly Isles, England, XXI. 465.
 ST MARY, island, Azores, III. 171.
 ST MARY'S, one of the Scilly Isles, and, XXI. 465.
 ST MARY'S, river, North America, XXI. 178.
 — ABBEY, at York, England, I. 14.
 — BAY, Newfoundland, XVII. 382.
 — COLLEGE, St Andrews, Scotland, XXI. 158.
 — ISLAND, West Africa, X. 59.
 — LOCH, Scotland, XXI. 638.
 ST MARY WINTON, College of (New College), Oxford, XVIII. 97.
 ST MAURICE, mountain, Vosges, France, XXIV. 298.
 —, town, Valais, Switzerland, XXIV. 31.
 —, river, Canada, XX. 165.
 ST MAUR-SUR-LOIRE, town, France, XXI. 187.
 ST MICHAEL AND ST GEORGE, Order of, XIV. 124.
 ST MICHAEL'S, island, Azores, III. 171.
 — MOUNT, castle, Cornwall, England, VII. 427, 428.
 ST MICHEL, town, Finland, IX. 217; XXIV. 209.
 —, Mont, islet, France, XVI. 796.
 ST MORITZ, spa, Switzerland, VIII. 214; XVI. 434.
 ST NAZAIRE, town, Loire Inférieure, France, XXI. 187.
 —, town, Var, France, XXIV. 69.
 —, lagoon, Pyrénées Orientales, France, XX. 128.
 ST NECTAIRE, spa, France, XX. 120.
 ST NICOLAS, town, Belgium, XXI. 187.
 — VARANGEVILLE, town, France, XVI. 205.
 ST OMER, town, France, XXI. 187; XVIII. 340.
 SAINTONGE, old province, France, XXI. 188.
 ST OSWIN, priory, England, XXIII. 675.
 ST OUEN, suburb of Paris, XXI. 188.
 ST PANCRA, district of London, XIV. 822.
 — RAILWAY STATION, London, XX. 236.
 ST PATRICK, Order of, XIV. 124.
 ST PAUL, island, Indian Ocean, XXI. 189.
 —, town, Minnesota, U.S.A., XXI. 188.
 —, Basilica of, Rome, III. 416.
 — DE LOANDA, town, West Africa, XIV. 742.
 ST PAUL'S CATHEDRAL, London, II. 443; XIV. 837, 843; XXIV. 689.
 ST PAUL'S ROCKS, islands in the Atlantic, XXI. 189.
 ST PAUL'S SCHOOL, London, XIV. 835.
 ST PETER, Lake, on St Lawrence, Canada, XXI. 181.
 — PORT, town, Guernsey, XXI. 190; XI. 247.
 ST PETER'S, Basilica of, Rome, II. 438; III. 415.
 ST PETERSBURG, government, Russia, XXI. 190.
 —, capital of Russia, XXI. 190;

- founding of, XXI. 97; academy of sciences, I. 72; libraries, XIV. 533, 549; newspapers, XVII. 430; observatory, XVII. 714; picture gallery, XXI. 446; university, XXIII. 852.
- ST PETER'S COLLEGE, Cambridge, IV. 730.
- ST PIERRE, island, Newfoundland, XXI. 196; XVII. 382.
- , town, Martinique, West Indies, XV. 586.
- , town, Réunion, Indian Ocean, XX. 493.
- , Charles Irénée Castel, Abbé de, French social writer, XXI. 195.
- , Jacques Henri Bernardin de, French writer, XXI. 195; IX. 666, 668.
- , D'OLÉRON, town, France, XVII. 761.
- , LE MOUTIER, town, France, XVII. 496.
- ST PIERRE-LÈS-CALAIS, town, France, XXI. 196; XVIII. 339.
- ST POL, town, France, XVIII. 340.
- , DE LÉON, town, France, XXI. 196.
- ST QUENTIN, town, France, XXI. 196; battle of (1557), IX. 559.
- ST RAPHAEL, village, France, IX. 767; XXIV. 69.
- ST RIQUIER, France, Monastic library at, XIV. 514.
- SAINTS, XXI. 155; pilgrimages to shrines of, XIX. 94; St Paul's use of the term, XVIII. 427.
- ST SALVATOR'S COLLEGE, St Andrews, Scotland, XXI. 158.
- ST SAUVEUR, spa, France, XX. 127.
- ST SEBASTIAN OF MOZAMBIQUE, town, East Africa, XVII. 7.
- ST SERVAN, town, France, XXI. 197.
- SAINT-SIMON, Claude Henri, Comte de, French socialist, XXI. 197; VIII. 211; IX. 668; his relation to socialism, XXII. 207; his influence on Comte, VI. 229.
- , Louis de Rouvray, Duc de, French courtier and writer, XXI. 198; IX. 668.
- ST SOPHIA, Mosque of, at Constantinople, VI. 305.
- ST STEPHEN, town, New Brunswick, XVII. 375.
- ST THIAJO MAJOR, town, Mozambique, XVII. 7.
- ST THOMAS, island, Gulf of Guinea, West Africa, XXI. 200.
- , island, West Indies, XXI. 200.
- , town, Quebec, Canada, XX. 167.
- ST UBES (Setubal), town, Portugal, XXI. 697.
- ST VEIT, town, Austria, XIV. 106.
- ST VENANT, on flexure, VII. 809.
- ST VICTOR, Hugo of, mediæval theologian, XXI. 425.
- , Niece de, his contributions to photography, XVIII. 824.
- , Paul de, French writer, XXI. 201.
- , Richard of, scholastic philosopher, XX. 543; XVII. 132; XXI. 425.
- ST VINCENT, island, West Indies, XXI. 201.
- , Cape, Portugal, Battle of (1797), VIII. 362; XVII. 322; XXI. 201.
- , Earl, English admiral, XXI. 201.
- , Gulf of, South Australia, XXII. 283.
- ST VINCENT'S, one of the Cape Verd Islands, v. 52.
- ST VITUS'S DANCE, disease, XXI. 201; XVIII. 391; XXIII. 60.
- ST WINIFRED'S WELL, Wales, XII. 106.
- ST YRIEIX, town, France, XXIV. 223.
- SAIS, ancient town, Egypt, VII. 768.
- SAIVISM, corrupt form of Buddhism, XIV. 228.
- SAJUR, affluent of Euphrates, VIII. 669.
- SAKA, tree, XXIII. 103.
- SAKALAVA, race of people, Madagascar, XV. 171, 174.
- SAKARIA, river, Asia Minor, II. 707.
- SAKATU, town, Houssa, Central Africa, I. 271.
- SAKCINSKI, Ivan K., Servian historian, XXI. 691.
- SAKÉ, Japanese drink, XIII. 574; XX. 539.
- SAKEI, race of people, Malacca, Asia, XV. 323.
- SAKER, bird, IX. 3.
- SAKHALIN, island, East Asia, XXI. 147.
- SAKI ADASI (Scio), island, Asiatic Turkey, XXI. 465.
- SAKIS, group of apes, II. 154.
- SAKKARAH, Egypt, Mummies of, XVII. 21; pyramids of, VII. 772; XX. 122, 124; tomb of Tih at, XVII. 34.
- SAKSAUL, plant, XXIII. 511.
- SAKTAS, class of Hindu worshippers, XXI. 283.
- SAKY, Crimea, Russia, Mud baths at, VI. 585.
- SAKYA, monastery, Tibet, XXIII. 340, 346.
- , MUNI, the Buddha, III. 375; IV. 209.
- SAL, one of Cape Verd Islands, v. 52.
- , tree, II. 693; IX. 405; XVIII. 71.
- SALA (Sallee), town, Mauretania, Africa, XV. 637.
- SAL ACETOSELLÆ, or Salt of Sorrel, XVIII. 91.
- SALADE, headpiece, XI. 637.
- SALADIN, Moslem general and sultan of Egypt, XVI. 588; VII. 753; his conquest of Jerusalem, VI. 628; his relations with the Templars, XXIII. 161; Life of, by Bohaddin, III. 860.
- SALADO, Spain, Battle of (1340), XXII. 319, 323.
- SALAIRSK, town, Siberia, XXIII. 439.
- SALAMANCA, province, Spain, XXI. 203.
- , town, Spain, XXI. 203; cathedral, II. 433; university, XXIII. 839, 851; battle of (1812), XXIV. 496.
- SALAMANDER, fabulous animal, XXI. 205.
- SALAMANDRA, amphibian, XXI. 204; I. 760; epithelium of, XIX. 833.
- SALAMIS, island, Greece, XXI. 205; III. 59; battle of (480 B.C.), XI. 100; XVIII. 572; XXI. 205; XXIII. 251.
- SALAMIYA, ruins of Nineveh, XVII. 512.
- SAL AMMONIAC, chemical salt, I. 741; XVII. 517.
- SALAMOURI, Caucasian musical instrument, XVII. 705.
- SALANGA, island, Malay Peninsula, XV. 321.
- SALANX, genus of fishes, XXI. 221, 224.
- SALARIA, Via, Roman road, Italy, XX. 552.
- SALARO, Italy, Bridge at, IV. 330.
- SALAS BARBADILLO, Alonso G. de, Spanish novelist, XXII. 358.
- SALASSI, Ligurian tribe, Italy, XIV. 639.
- SALATIGA, town, Java, XIII. 606.
- SALAVERRY, town, Peru, XVIII. 674.
- , Felipe Santiago, ruler in Peru, XVIII. 678.
- SALAWATTI, Papuan kingship, New Guinea, XVII. 389.
- SALDAMANDO, Enrique Torres, Peruvian historian, XVIII. 675.
- SALDANHA, Count of, Portuguese statesman, XIX. 553; XXI. 205.
- SALDÉ, town, Senegal, Africa, XXI. 660.
- SALE, in law, XXI. 205; contracts of, in Roman law, XX. 700; implied warranty in contracts of, XXIV. 373; in relation to payment, XVIII. 440.
- , town, England, XXI. 205.
- , Antoine de la, French romancist, XX. 658.
- , George, translator of the Koran, XVI. 606.
- SALEIVER, island, Indian Archipelago, XXI. 210.
- SALEM, of Scripture, XIII. 636.
- , district and town, India, XXI. 210.
- , town, Massachusetts, U.S.A., XXI. 210; witchcraft trials at, XXIV. 622.
- , town, New Jersey, U.S.A., XXI. 211.
- , town, Oregon, U.S.A., XXI. 211; XVII. 825.
- SALE OF LIVES, Lucian's dialogue, XV. 45.
- SALEP, drug, XXI. 211.
- SALERNE, François, on birds, XVIII. 6.
- SALERNO, town, Italy, XXI. 211; medical school of, XV. 806; XXII. 675; university, XXIII. 832.
- , Giuseppe Ricca, Italian economist, XIX. 395.
- SALES, François de, French mystic, IX. 695; XVII. 134.
- SALFORD, town, England, XV. 459.

- SALIAN FRANKS, IX. 723; X. 476; XXI. 212.
- SALIAN LAW, of the Franks, IX. 529.
- SALIANY, town, Transcaucasia, Russia, XXIII. 515.
- SALICETO, William of, Italian surgeon, XXII. 675.
- SALICETTI, Christophe, Corsican politician, XVII. 193.
- SALICIN, drug, XXI. 212.
- SALIC LAW, XXI. 212; X. 476; first application of, in France, VIII. 318; IX. 529, 545.
- SALICYLATE OF SODIUM, XXI. 217.
- SALICYLIC ACID, drug, XXI. 217.
- SALIERI, Antonio, Italian dramatic composer, XXI. 218.
- SALIGNAC, François de (Fénelon), French writer, IX. 72, 662; XIX. 359.
- SALII, priests of Mars, Rome, XV. 570.
- SALIM, or Selim, I., Turkish sultan, his war with Persia, XVIII. 635; XXIII. 642, 656.
- II., Turkish sultan, XXIII. 621, 644.
- III., Turkish sultan, XXIII. 648.
- SALINA, one of Lipari Islands, XIV. 683.
- SALINE MINERAL SPRINGS, XVI. 434.
- SALINITY, of water, XXIV. 399; of Atlantic, XXI. 613; of Baltic, III. 297; of Dead Sea, VII. 2; of Mediterranean, XV. 820; of Pacific, XXI. 614; of Red Sea, XX. 317.
- SALINOMETER, hydrometer for brine, XII. 542.
- SALINS-MOUTIERS, spa, France, XVI. 434; XXI. 332.
- SALIPARAN (Lombok), island, Indian Archipelago, XIV. 816.
- SALISBURY, town, England, XXI. 218; newspapers, XVII. 421.
- , Margaret, countess of, VIII. 335; XXIV. 753.
- , Earl of (Robert Cecil), v. 282.
- , John of, scholastic philosopher, XIII. 718; XXI. 425.
- PLAIN, Wilts, England, XXIV. 594; Stonehenge stone circle on, XXII. 576.
- SALIS-SEEWIS, Johann Gaudenz, Swiss poet, XXII. 798.
- SALIVA, Function of, XVII. 671, 674; salivary glands, XVII. 668; VII. 222; of mammals, XV. 361.
- SALIVAHANA, Era of, v. 719.
- SALIX, genus of plants, XXIV. 588.
- SALLEE, town, Morocco, XVI. 831; XX. 192.
- SALLO, Denis de, founder of French Journal des Savants, XVIII. 539.
- SALLUST (Caius Sallustius Crispus), Roman historian, XXI. 219; XX. 720; on the Jugurthine War, XIII. 767; his language and style, XIV. 334.
- SALLUSTE DU BARTAS, Guillaume de, French poet, III. 401.
- SALMAGUNDI PAPERS, Paulding's, XVIII. 432.
- SALMASIUS, Claudius, French scholar, XXI. 219; Milton's answer to, XVI. 332.
- SALMIAC, mineral, XVI. 384.
- SALMON, fish, XXI. 220, 224; XII. 693; XVIII. 320; culture, XIX. 128; XXI. 226; disease, XVIII. 266; XXI. 226; angling for, II. 39; Newfoundland fisheries, XVII. 384; Tyne fisheries, XVII. 568; laws relating to fisheries, XXI. 225.
- SALMONIDÆ, family of fishes, XXI. 221.
- SALOME, daughter of Herodias, XXI. 227; XI. 755.
- , widow of Alexander Jannæus, queen of Judæa, XXI. 227; XIII. 424.
- SALOMON BEN GEBIROL (Avicbron, *q.v.*), Jewish philosopher, III. 152.
- SALONA (Spalato), ancient town, Dalmatia, XXII. 366.
- SALONICA, or Saloniki, town, European Turkey, XXI. 227.
- SALONIKI, province, Turkey in Europe, XXIII. 653; town, XXI. 227.
- SALOP, or Shropshire, county, England, XXI. 847.
- , name of Shrewsbury, town, England, XXI. 845.
- SALORS, Iranian people, Asia, XVI. 43; XXIII. 661.
- SALPA, genus of Tunicata, XXIII. 609, 616.
- SALPINX, Greek trumpet, XXIII. 592.
- SALSAFY, vegetable, XII. 287.
- SALSETTE, island, Bombay, India, XXI. 228.
- SALT, Common, XXI. 228; XVI. 384; deposits or mines, in Austria, III. 120; in Bavaria, III. 584; on Caspian Sea, v. 178; in India, XII. 764; duties on, in Bengal, III. 569; manufacture of, in India, III. 272; as manure, I. 353; XV. 512; working of mines, XVI. 454; pans, XVIII. 621; XXI. 233; production of, in England, VIII. 229; production, in Prussia, XX. 15; production, in United States, XXIII. 817; obtained from sal-ammoniac, XVII. 517; springs, XVI. 434; in sea water, XXI. 613; works, v. 590; XVI. 239; use of, in religious rites, XXI. 134; mystic symbolism of, XXI. 234.
- , Sir Titus, his manufactures of alpaca wool, I. 598.
- SALTA, town, Argentine Republic, XXI. 234.
- SALTASH BRIDGE, Cornwall, England, IV. 339.
- SALT-CAKE MAKING, XXII. 242.
- SALTCOATS, town, Scotland, XXI. 235.
- SALTENSTRÖM, tidal current, Norway, XXIV. 542.
- SALTIKOFF, Russian general, XXI. 99.
- , I. (Stchedrin), Russian novelist, XXI. 108.
- SALTILLO, town, Mexico, XXI. 235; XVI. 214.
- SALTIRE, in heraldry, XI. 696.
- SALT LAKE, Great, Utah, U.S.A., XXIV. 19.
- SALT LAKE CITY, Utah, U.S.A., XXI. 235; XVI. 827.
- SALTO, town, Uruguay, XXIV. 15.
- SALT OF SORREL, XVIII. 91.
- SALT-PANS, XVIII. 621; XXI. 233.
- SALTPETRE, mineral, XXI. 235; XVI. 396; XVII. 518; as an ingredient of gunpowder, XI. 319, 323; Indian, XII. 765.
- SALTS, in chemistry, v. 486; hydrometer for, XII. 538; magnetism of, XV. 264; in water, XXIV. 399; in ocean water, XXI. 611; ethereal, v. 572; of iron, used in photographic printing, XVIII. 832; manganic, XV. 480; polyxene, XIX. 192.
- SALT SPRINGS, XVI. 434.
- SALT SULPHUR SPRINGS, West Virginia, U.S.A., XVI. 436.
- SALT SWAMPS, of Persia, XVIII. 621.
- SALUCES (Saluzzo), town, Italy, XXI. 237.
- SALUR, town, India, XXIV. 267.
- SALUS, Roman goddess, XXI. 235.
- SALUTARIS, Phrygian province, XVIII. 852.
- SALUTATI, Caluccio, Florentine secretary, XX. 802.
- SALUTATIONS, or Greetings, XXI. 235.
- SALUZZO, town, Italy, XXI. 237.
- SALVADOR, republic, Central America, XXI. 268.
- , St, island, Bahamas, III. 237.
- SALVADORI, Count, on the fauna of New Guinea, XVII. 387.
- SALVAGE, in law, XXI. 237; of a ship, XXIV. 687.
- SALVATION, Christian way of, v. 688; in Pauline theology, XVIII. 425; Irenæus on, XIII. 274; Buddhist way of, IV. 428.
- SALVELINUS, subgenus of fishes, XXI. 223.
- SALVIA, genus of plants, XII. 252, 264.
- SALVIAN, mediæval moralist, XXI. 238.
- of Marseilles, writer on the Goths, X. 852.
- SALVIANI, Ippolito, Italian ichthyologist, XII. 631.
- SALVIANUS, Spanish Priscillianist, XIX. 746.
- SALVIN, Osbert, on birds, XVIII. 12, 13, 41.
- SALVINIÆ, group of plants, IX. 106.
- SALWIN, river, Burmah, IV. 551; XXI. 239.
- HILL TRACTS, district, Burmah, XXI. 239.

- SALYES, Ligurian tribe, Italy, XIV. 639.
- SALZA, Hermann von, Teutonic Knight, XXI. 239; XXIII. 201.
- SALZACH, river, Austria, XXI. 239.
- SALZBRUNN, spa, Germany, XXI. 239.
- SALZBURG, town, Austria, XXI. 239; university of, XXIII. 851.
- SALZGARTEN, at Capo d'Istria, Austria, XXI. 229.
- SALZKAMMERGUT, district, Austria, XXI. 241.
- SALZMANN, Christian Gotthilf, German educationist, VII. 676.
- SALZUNGEN, town, Germany, XXI. 348; mineral water of, XVI. 434.
- SALZWEDEL, town, Prussia, XXI. 241.
- SAMADEN, town, Switzerland, VIII. 213.
- SAMANI, Persian historian, XXI. 736.
- SAMANID DYNASTY, of Persia, XXI. 241; XXII. 101.
- SAMAR, island, Philippines, XVIII. 752.
- SAMARA, government, Russia, XXI. 242; town, XXI. 243.
- SAMARANG, town, Java, XIII. 606.
- SAMARCAND, town, Central Asia, XXI. 246; XVII. 709; XXIV. 782.
- SAMARIA, capital of Northern Israel, XXI. 243.
- , division of Palestine, XVIII. 176; kingdom of, XIII. 406, 412; tributary to Assyria, III. 187; coins of, XVII. 650.
- SAMARITAN LANGUAGE, XXI. 648; dictionaries of, VII. 189.
- SAMARITAN PENTATEUCH, XXI. 244; v. 4; Morin's edition, XVI. 825.
- SAMARITANS, religious community, XXI. 244; XIII. 419.
- SAMARIUM, Spectrum of, XXII. 376.
- SAMARKAND, town, Central Asia, XXI. 246; observatory at, XVII. 709; railway connexion, XXIV. 782.
- SAMARSKITE, mineral, XIV. 292; XVI. 427.
- SAMARSKO-NIKOLAEVSKII, monastery, Russia, XVII. 609.
- SAMARTCHIK, Cossack settlement, Russia, XVII. 609.
- SAMA-VEDA, Brahmanical book, XXI. 277.
- SAMAWA (Sumbawa), island, Indian Archipelago, XXII. 641.
- SAMAYE, convent, Tibet, XIV. 501.
- SAMBALPUR, district, India, XXI. 247.
- SAMBAS, district, Borneo, IV. 59.
- SAMBAWA (Sumbawa), island, Indian Archipelago, XXII. 641.
- SAMBHAR, India, Salt lake at, XIII. 703.
- SAMBUCUS, genus of trees, VII. 828.
- SAMELATS, or Lapps, Northern Europe, XIV. 305.
- SAMEN, mountains, Abyssinia, I. 62.
- SAMH, Arabian grain, II. 236.
- SAMHITAS, collections of Sanskrit texts, XXI. 273.
- SAMIAN WARE, pottery, XIX. 617.
- SAMIRI, the Wandering Jew, XIII. 674.
- SAMITE, variety of textile, XXIII. 210.
- SAMNITES, ancient Italian people, XXI. 248, 128; XIII. 445; XX. 741, 744; as allies of the Umbrians, XXIII. 724.
- SAMNIUM, ancient district, Italy, XXI. 248; coins of, XVII. 637.
- SAMOA, group of islands, South Pacific, XVII. 279; taboo system in, XXIII. 16; totemism in, XXIII. 468.
- SAMOGHITIANS, tribes, Lithuania, XIV. 702.
- SAMONIAN PLAIN, of the Troad, XXIII. 578.
- SAMOS, island, Aegean Sea, XXI. 249; XXIII. 653; coins of, XVII. 647; water-works, II. 219.
- SAMOSATA, capital of Commagene, Syria, XXII. 822; coins of, XVII. 649.
- , Paul of, bishop of Antioch, XVIII. 429.
- SAMOTHRACE, island, Aegean Sea, XXI. 250.
- SAMOTHRACIAN MYSTERIES, The, IV. 621.
- SAMOYEDES, people, Russia, XXI. 251; XVIII. 61; XIX. 329; XX. 11.
- SAMOYEDIC LANGUAGE, XXIV. 1.
- SAMPANG, department and town, Madura, Indian Archipelago, XV. 194.
- SAMPIERDARENA, suburb of Genoa, Italy, XXI. 251; X. 157.
- SAMSAMS, people, Malacca, Asia, XV. 323.
- SAM-SHEE, Chinese drink, IV. 264.
- SAM SLICK, Haliburton's humorous sketches, XI. 383.
- SAMSON, of Scripture, XXI. 252.
- AGONISTES, Milton's drama, XVI. 339.
- SAMSUN (Amisus), town, Turkey in Asia, XIX. 459.
- SAMUEL, judge of Israel, XXI. 252; XIII. 402; XIX. 814.
- , Bulgarian chief, XI. 115.
- , Books of, XXI. 252; VI. 837.
- SAMUR, river, Caucasus, V. 255.
- SAMVAT, Hindu era, XV. 346.
- SAN, affluent of the Vistula, Europe, XIX. 307.
- SAÑA, town, Peru, XVIII. 674.
- SANAA, town, Arabia, XXI. 253.
- SANAGIRS, Tungus tribe, Siberia, XXIII. 608.
- SANAI, Persian philosopher and poet, XXI. 254; XVIII. 658.
- SAN ANTONIO, mountains, New Mexico, U.S.A., XVII. 400.
- , town, Texas, U.S.A., XXI. 254; XXIII. 205.
- SAN BARTOLOMEO DE HONDA, town, Colombia, XII. 129.
- SAN BENITO (Paysandu), town, Uruguay, XVIII. 441.
- SAN BERNARDINO, mountains, California, U.S.A., XXIII. 801.
- SANCHEZ, Francisco, Spanish scholar, XXI. 255.
- , Francisco, Portuguese physician, XXI. 255.
- , Thomas, Spanish Jesuit and casuist, XXI. 255.
- SANCHO I., king of Castile (III. of Navarre), I. 615; XXII. 312.
- II., of Castile, I. 615.
- IV., of Castile, I. 617; XXII. 319, 354.
- I., king of Leon, XXII. 311.
- III., the Great, king of Navarre (I. of Castile), I. 615; XXII. 312.
- I., king of Portugal, XXI. 255; XIX. 541.
- II., of Portugal, XXI. 255; XIX. 542.
- SAN CRISTOVAL, island, Solomon group, South Pacific, XXII. 252.
- SANCHUNIATHON, Phœnician writer, XXI. 255; XVIII. 802.
- SAN CRISTOVAL DE LOS LLANOS, town, Mexico, XXI. 255; XVI. 214.
- SANCROFT, William, archbishop of Canterbury, XXI. 255.
- SANCTIUS (Francisco Sanchez), Spanish scholar, XXI. 255.
- SANCTUARY, in architecture, II. 388; XXIII. 166.
- , of Israel, XXIII. 6, 165; XIII. 637; tithes payable at, XXIII. 411; relation of priests to, XIX. 726.
- , Privilege of, XXI. 255.
- SANCTUS BELL, III. 538.
- SANCTUS BELL-COT, II. 472.
- SANCY, Puy de, mountain, France, XX. 119.
- SAND, George (Madame Dudevant), French novelist, VII. 507; IX. 678; as journalist, XVII. 426.
- , Karl Ludwig, assassin of Kotzebue, XIV. 145.
- SANDAKAN HARBOUR, North Borneo, XXI. 123.
- SANDALS, XXI. 830.
- SANDALWOOD, XXI. 255.
- SANDAN, Cilician divinity, XXIII. 67.
- SANDARACH, resin, XXI. 256.
- SANDAY, island, Orkney, Scotland, XVII. 846.
- SANDBACH, town, England, XXI. 256.
- SANDBERGERITE, mineral, XVI. 413.
- SAND-BLAST, its industrial uses, XXI. 257.
- SANDBY, Paul, English painter, XXI. 257, 441, 444; as caricaturist, V. 104.
- SANDEAU, Léonard Silvain Jules, French novelist, XXI. 257; XXII. 291.
- SANDEC, or Neu-Sandec, town, Austria, XVII. 364.
- SAND-EEL, fish, XXI. 257.
- SANDEMAN, Robert, leader of the Sandemanians, X. 637.
- SANDEMANIANS, or Glassites, Scottish sect, X. 637.
- SANDERLING, bird, XXI. 261.

- SANDERS, Nicholas, legate to Ireland, XIII. 264.
- SANDERSON, Robert, bishop of Lincoln, XXI. 258.
- SANDFORD AND MERTON, Day's book, VII. 655.
- SAND-GROUSE, bird, XXI. 258; migration of, III. 770.
- SAND HILLS, their formation, x. 265; in Holland, XII. 60; in Persia, xv. 651; in Peru, XVIII. 670; in Sahara, XXI. 149; in Transcasian Region, XXIII. 511.
- SAND-HOPPER, crustacean, VI. 661.
- SANDHURST, town, Victoria, XXI. 259.
- , England, Military college at, II. 585.
- SAN DIEGO, town, California, U.S.A., XXI. 259.
- SANDILA, town, India, XVIII. 72.
- SAND-LAUNCE, fish, XXI. 257.
- SAND-LIZARD, XIV. 734.
- SAND-MARTIN, bird, xv. 581.
- SAN DOMINGO, island, West Indies, XI. 543; buccaneers of, IV. 408.
- SANDOMIR, town, Russian Poland, XXI. 259; xx. 218.
- SANDONUS (Athenodorus), Stoic philosopher, II. 832.
- SANDOWAY, district, Burmah, XXI. 259; town, XXI. 260.
- SANDOWN, town, Isle of Wight, England, XXIV. 562.
- SANDPIPER, bird, XXI. 260; XI. 173.
- SAND-PIPER, fish, XIV. 249.
- SANDRACOTTUS, founder of Maurya kingdom, India, XII. 787; xv. 142; XVIII. 586.
- SANDRIDGE, suburb of Melbourne, Victoria, xv. 836.
- SAND ROCKS, x. 236.
- SANDS, Blowing, Reclamation of, I. 406.
- SAND-STAR, fish, VII. 634.
- SANDSTONE, x. 237; strength of, XXII. 603.
- SANDUSEROS, people of Paysandu, Uruguay, XVIII. 441.
- SANDUSKY, town, Ohio, U.S.A., XXI. 261.
- SANDWICH, town, England, XXI. 261.
- , First Earl of, British general and admiral, XXI. 261.
- , Fourth Earl of, English politician, XXI. 261.
- ISLANDS, North Pacific, XI. 528; XVIII. 127.
- SPA, Canada, XVI. 436.
- SANDWIP, island, India, xv. 830.
- SAND WORM, II. 71.
- SANDY DESERTS, their influence on temperature, VI. 4; XVI. 137.
- SANDYS, George, English traveller and translator, XXI. 262; his Ovid, I. 720.
- SAN ESTANISLAO, town, Paraguay, XVIII. 244.
- SANFEDISTI, revolutionary society, Italy, XIII. 486.
- SAN FELIPE DE AUSTRIA, town, Venezuela, v. 103.
- SAN FELIPE DE JÁTIVA, town, Spain, XIII. 597.
- SAN FERNANDO, town, Spain, XXI. 262.
- , town, Trinidad, West Indies, XXIII. 573.
- DE ATABAPO, town, Venezuela, XVII. 843.
- DE NUEVITAS (Puerto Principe), town, Cuba, xx. 99.
- SAN FRANCISCO, town, California, U.S.A., XXI. 262.
- MOUNTAINS, Arizona, U.S.A., XXIII. 799.
- SANG, Edward, his logarithmic tables, XXIII. 10.
- SANGAI, mountain, Ecuador, VII. 645.
- SANGALLO, Florentine family of artists, XXI. 265.
- SANGAR, state, Sumbawa, Indian Archipelago, XXII. 641.
- SANGARIUS, river, Asia Minor, II. 707; XVIII. 691, 852.
- SANGERHAUSEN, town, Prussia, XXI. 265.
- SAN GERMANO, town, Italy, XVI. 778.
- SAN GERONIMO, mountain, Spain, XVI. 797.
- SANGHA, society of Buddhists, IV. 434.
- SAN GIMIGNANO, Folgore of, Italian poet, XIII. 501.
- SANGJE GYAMTSON, regent of Tibet, XIV. 503.
- SANGKALOK, ancient town, Siam, XXI. 854.
- SANGRE DE CRISTO, mountain range, Rocky Mountains, U.S.A., XXIII. 796.
- SANHEDRIN, Jewish council, XIII. 424; XXII. 812; convened at Paris in 1806, XIII. 683.
- SAN-HUÉ, town, Anam, XII. 333.
- SANHVA SCHOOL, of Brahmanism, IV. 209.
- SANIDINE, mineral, XVI. 419.
- SANITARY LAWS, xv. 797; xx. 96.
- SANITATION, of dwellings, XII. 566; XXI. 714; XXIV. 159.
- SAN JACINTO, Texas, U.S.A., Battle of (1836), XXIII. 206.
- MOUNTAINS, California, U.S.A., XXIII. 801.
- SANJAK, Turkish administrative division, XXIII. 654.
- SANJEH, affluent of Euphrates, Asia, VIII. 669.
- SAN JOSÉ, town, California, U.S.A., XXI. 266.
- , town, Guatemala, XI. 241.
- , town, Uruguay, XXIV. 15.
- SANJU, town, Turkestan, XXIII. 639; XXIV. 728.
- SAN JUAN, river, Nicaragua, XVII. 477.
- BAUTISTA, town, Mexico, XVI. 214.
- BAUTISTA, town, Porto Rico, XIX. 532.
- SAN JUAN DE CORRIENTES, town, Argentine Republic, VI. 439.
- DE LA FRONTERA, town, Argentine Republic, XXI. 266.
- DEL NORTE, town, Nicaragua, XI. 194; XVII. 477.
- DEL SUR, town, Nicaragua, XVII. 477.
- ISLANDS, Washington Territory, U.S.A., XXI. 266.
- RANGE, Rocky Mountains, U.S.A., XXIII. 796.
- SAN JULIAN DEL PEREYRO, Knights of (Knights of Alcantara), I. 458.
- SANKARA, Hindu theologian and philosopher, XXI. 290.
- SANKARACHARYA, Sanskrit poet, XXI. 287.
- SANKHYA, Hindu system of philosophy, XXI. 290.
- SANKT JOHANN, town, Prussia, XXI. 122.
- SANKT PÖLTEN, town, Austria, XXI. 266.
- SAN LAZZARO, island and Mechitharist convent, near Venice, xv. 774.
- SAN LUCAR DE BARRAMEDA, town, Spain, XXI. 266.
- SAN LUCAR DE BARRAMEDA, Duque de (Olivares), Spanish statesman, XVII. 761.
- SAN LUIS POTOSI, town, Mexico, XXI. 266; XVI. 214; state, XVI. 214.
- SAN MAMEDE, mountains, Portugal, XIX. 536.
- SAN MARINO, republic, Italy, XXI. 266; XIII. 485.
- SAN MARTIN DE JOSÉ, Chilian general, XXI. 267.
- SANMICHELE, Michele, Italian architect, XXI. 267; XXIV. 155, 171.
- SAN MIGUEL (St Michael's), island, Azores, III. 171.
- , town, Salvador, Central America, XXI. 268.
- DE LA PALMA, island, Canaries, IV. 799.
- SANNAZARO, Jacopo, Italian poet, XXI. 267; XIII. 508; XVIII. 345; XXII. 357.
- SAN PABLO, lake, Ecuador, VII. 646.
- SAN PANTALEONE, islet, Sicily, xv. 571.
- SAN PEDRO, town, Paraguay, XVIII. 244.
- SANPU, river, Assam, II. 718.
- SANRABONI, district, Celebes, v. 288.
- SAN REMO, town, Italy, XXI. 268.
- SAN SALVADOR, island, first American land discovered by Columbus, VI. 173.
- , republic and town, Central America, XXI. 268.
- , volcano, Central America, XXI. 268.
- DA BAHIA, town, Brazil, III. 239.
- SANSANDING, town, West Africa, XXI. 269.

- SAN SEBASTIAN, town, Spain, XXI. 269.
 SANS ÉGAL, bagatelle game, III. 230.
 SAN SEVERO, town, Italy, XXI. 269.
 SAN-SING, town, Manchuria, XV. 466.
 SANSKRIT LANGUAGE, XXI. 269; XI. 841; XVIII. 781, 784; its relation to Greek, XI. 127; to Pali, XVIII. 183; Benfey's works on, XVIII. 781; Muir's, XVII. 13; dictionaries of, VII. 190.
 SANSKRIT LITERATURE, XXI. 273; IV. 201; the Vedanta, XXIV. 117; Lassen's works on, XIV. 322; H. H. Wilson's essays on, XXIV. 590.
 SANSKRIT MANUSCRIPTS, XIV. 533.
 SANSKRIT NUMERALS, XVII. 627.
 SANSON, Nicolas, French cartographer, XXI. 295.
 SANSOVINO, Andrea Contucci del Monte, Florentine sculptor, XXI. 295.
 —, Francesco, Venetian architect, XXIV. 153.
 —, Jacopo, Italian architect and sculptor, XXI. 295; XXIV. 152, 154.
 SANS SOUCI, palace, Potsdam, Prussia, XIX. 599.
 SAN STEFANO, Turkey, Peace of (1878), XXI. 102; XXIII. 652.
 SANTA ANA, town, San Salvador, Central America, XXI. 268.
 SANTA-ANA DE CORO, town, Venezuela, VI. 428.
 SANTA ANNA, island, Brazil, IV. 222.
 —, Antonio Lopez de, Mexican president, XXI. 296; XVI. 219.
 SANTA BARBARA, department, Honduras, XII. 132.
 SANTA CASA, Chiesa della, Loreto, Italy, XV. 3.
 SANTA CATERINA, spa, North Italy, XXIV. 45.
 SANTA CATHARINA, town, Brazil, VII. 132.
 SANTA CRUZ, islands, Pacific Ocean, XVII. 395; XV. 835.
 —, Andreas, ruler in Peru, XVIII. 678.
 — DE LA SIERRA, department, Bolivia, IV. 10.
 — DE SANTIAGO, town, Teneriffe, IV. 799.
 SANTA FÉ, town, Argentine Republic, XXI. 296.
 —, town, New Mexico, U.S.A., XXI. 296.
 — DE BOGOTA, town, Colombia, III. 858.
 — DE GUANAJUATO, town, Mexico, XI. 233.
 SANTA HERMANDAD, or Holy Brotherhood, Spain, XXII. 326; IX. 81.
 SANTALACEÆ, group of parasitic plants, XVIII. 266.
 SANTA LAURA, convent, on Mount Athos, I. 11.
 SANTALIC ACID, XXI. 256.
 SANTAL PARGANAS, district, India, XXI. 296.
 SANTALUM, genus of trees, XXI. 255.
 SANTA MARIA (Capua), town, Italy, V. 79.
 SANTA MAURA, one of the Ionian Islands, Greece, XXI. 297; XIII. 205.
 SANTANDER, province, Spain, XXI. 297; town, XXI. 298.
 SANT' ANTAO, one of the Cape Verd Islands, V. 52.
 SANT' ANTONIO, part of Pernambuco, Brazil, XVIII. 551.
 SANTAREM, town, Brazil, XXI. 298.
 —, town, Portugal, XXI. 298.
 SANTA SCOLASTICA, Italy, Monastic library of, XIV. 530.
 SANTEE, river, South Carolina, U.S.A., XXII. 287.
 SANTERRE, Jean Baptiste, French painter, XXI. 298.
 SAN THIAGO (St Jago), one of the Cape Verd Islands, V. 52.
 SANTI, Giovanni, Italian painter, XX. 274.
 SANTIAGO, province, Chili, XXI. 298; V. 617.
 —, town, Chili, XXI. 298; observatory at, XVII. 716.
 —, town, Cuba, XXI. 300.
 — DE CHAO, town, Peru, XVIII. 674.
 — DE COMPOSTELLA, town, Spain, XXI. 299; sculptures in, XXI. 566; rainfall at, XXII. 296.
 — DE CUBA, town, Cuba, XXI. 300.
 — DE GUATEMALA, town, Central America, XI. 241.
 — DE GUAYAQUIL, town, Ecuador, South America, XI. 242.
 — DEL ESTERO, town, Argentine Republic, XXI. 300.
 SANTILLANA, Marquis of, Spanish poet, XXI. 300; XXII. 355.
 SANTINI, Giovanni, Italian astronomer, XXI. 300.
 SANTIPUR, town, India, XVII. 161.
 SANTISTEVAN, José, Peruvian jurist, XVIII. 675.
 SANTO, Francisco, Spanish novelist, XXII. 358.
 SANTOB of Carrion, Spanish writer, XXII. 353.
 SANTO DOMINGO COBAN, town, Central America, VI. 83.
 SAN TOMAS DE LA NUEVA GUAYANA (Angostura), Venezuela, II. 45.
 SANTOÑA, town, Spain, XXI. 297.
 SANTONIN, bitter principle in plants, XIX. 53.
 SANTORIN (Thera), island, Greece, XXIII. 279.
 SANTORINI, Giovanni Domenico, Italian anatomist, I. 813.
 SANTOS, town, Brazil, XXI. 300.
 SANTO TOMAS, town, Guatemala, XI. 241.
 SANUDO, Marco, Venetian, his capture of Naxos, XVII. 302.
 SAN VICENTE, town, Salvador, Central America, XXI. 268.
 SANZIO, Raphael, Italian painter, XX. 274. See Raphael.
 SÃO FELIPPE, town, Cape Verd Islands, V. 52.
 SÃO FRANCISCO, river, Brazil, IV. 222.
 SÃO JOÃO DA FOZ, suburb of Oporto, Portugal, XVII. 795.
 SÃO LEOPOLDO, German colony, Brazil, XXI. 301.
 SÃO LUIZ DE MARANHÃO, town, Brazil, XV. 526.
 SAÔNE, river, France, XX. 528.
 —, Haute-, department, France, XXI. 301.
 SAÔNE-ET-LOIRE, department, France, XXI. 301.
 SÃO NICOLAO, one of the Cape Verd Islands, V. 52.
 SAOOD, Wahhabi ruler, Arabia, II. 260.
 SÃO PAULO, town, Brazil, XXI. 302.
 SÃO PEDRO DO RIO GRANDE DO SUL, town, Brazil, XX. 564.
 SÃO VICENTE, one of the Cape Verd Islands, V. 52.
 —, town, Brazil, XXI. 301.
 SAPAJOU, ape, II. 154.
 SAPHO, pseudonym of Mademoiselle de Scudéry (*q.v.*), XXI. 555.
 SAPOJOK, town, Russia, XXI. 116.
 SAPONIFICATION, X. 697; XXII. 202.
 SAPONITE, mineral, X. 228; XVI. 414.
 SAPOR, or Shapur (*q.v.*), kings of Persia, XVIII. 608; XVII. 514.
 SAPPAN WOOD, dyewood, XXI. 302.
 SAPPERS, in Austrian army, II. 606; British, II. 579; IX. 456; Prussian, II. 597; Russian, II. 610.
 SAPPHIRE, gem, XXI. 302; Greek, XIV. 300.
 — D'EAU, mineral, XVI. 418.
 SAPPHIRINE, mineral, XVI. 386.
 SAPPHIRITE, mineral, XVI. 409.
 SAPPHO, Greek poetess, XXI. 302.
 SAPROLEGNIA, salmon fungus, XXI. 226; XVI. 293.
 SAPROLEGNIEÆ, suborder of Fungi, IX. 830; XVIII. 266.
 SAPROPHYTES, vegetable parasites on dead organisms, XVIII. 264.
 SAPUCAIA (or SAPUCAYA) NUT AND OIL, XVII. 665, 746.
 SAR, Babylonian numerical term, XVII. 626.
 SARABAITES, or Remoboth, Eastern ascetics, XVI. 701.
 SARABAND, Spanish dance, XXI. 303.
 SARACENIC ARCHITECTURE, II. 445; in decoration, II. 234.
 SARACENS, mediæval Moslems, XXI. 304; in France, XXI. 28; in Greece, XI. 115; in Italy, XIII. 468; campaigns of Nicephorus II. against, XVII. 482; conquest of Malta by, XV. 342; conquest of Sicily by, XXII. 23; invasion of Spain by, XXII. 309.
 SARAGOSSA, or Zaragoza, province, Spain, XXIV. 769; town, XXIV. 770; XXII. 307.
 —, Duke of, Spanish general, XVIII. 166.

- SARAGU, fish, XXI. 785.
- SARAH, of Scripture, I. 52.
- SARAKHS, oasis, Transcaspian Region, Russia, XVIII. 618; XXIII. 512.
- SARAKOLÉS, people, Senegambia, West Africa, XXI. 662.
- SARAMA, of Sanskrit mythology, XI. 750.
- SARAN, district, India, XXI. 304.
- SARANDA, mountain, India, XXII. 94.
- SARANSK, town, Russia, XVIII. 515.
- SARANYU, Vedic divinity, VIII. 524.
- SARAPIS, Egyptian divinity, VII. 717; XXI. 674.
- SARAPUL, town, Russia, XXIV. 303.
- SARASARA, mountain, Peru, XVIII. 672.
- SARASWATI, river, India, Legend of, I. 579.
- SARATOFF, government, Russia, XXI. 304; town, XXI. 305.
- SARATOGA, Battle of (1777), XXIII. 744.
- SPRINGS, spa, New York, U.S.A., XXI. 306; mineral water of, XVI. 436.
- SARAWAK, territory, Borneo, XXI. 306; IV. 60.
- , Rajah of (Sir James Brooke), IV. 369.
- SARBEVIUS, Matthias Casimir, Polish Latin poet, XIX. 301.
- SARBUT AL-KHADEM, Sinai, Arabia, XXII. 88.
- SARCOCYSTIDIA, subclass of Protozoa, XIX. 855.
- SARCODE, animal protoplasm, XIX. 828.
- SARCOLACTIC ACID, XIV. 197.
- SARCOLITE, mineral, XVI. 412.
- SARCOMA, disease, XVIII. 368.
- SARCOPHAGI, stone or fictile coffins, early Christian, XXI. 556; Etruscan, VIII. 643; Etruscan, in terra-cotta, XXIII. 193; Phœnician, XVIII. 810; Roman, II. 419.
- SARD, precious stone, XXI. 310.
- SARDANAPALUS, king of Nineveh, XXI. 307; III. 188; XXIII. 67.
- SARDES, town, Asia Minor, XV. 98.
- SARDICA, Illyria, Council of (347), II. 829; XIII. 771.
- SARDINE, fish, XXI. 307; XII. 694; XIX. 90; fishery, IX. 253; fishery in Italy, XIII. 455.
- SARDINIA, island, Mediterranean, XXI. 307; XV. 820; XIII. 440; acquired by Rome, XX. 748; dialects of, XIII. 493.
- , Kingdom of, Italy, XXI. 310; V. 275; XIII. 485; war with Austria (1859), III. 138.
- SARDINIAN DIALECTS, XIII. 493.
- SARDIS, town, Lydia, Asia Minor, XXI. 310.
- SARDONYX, precious stone, XXI. 310; XVII. 776.
- SAREPTA, town, Russia, XXI. 305.
- SARGASSO SEA, in Atlantic, III. 20, 26; I. 509.
- SARGASSUM BACCIFERUM, species of Algæ, I. 509.
- SARGON, king of Assyria, III. 187; XIII. 412; palace of, at Nineveh, XVII. 512.
- SARGUS, genus of fishes, XXI. 785.
- SARI, town, Persia, XV. 651.
- DAGH, mountain, Caucasus, V. 254.
- SARIKS, tribe, Merv, XVI. 43.
- SARJEKTJÄKKO, mountain, Sweden, XXII. 736.
- SARKEL, ancient Khazar town, Russia, XIV. 59, 60.
- SARMAN, Vishnu, mythical Hindu fabulist, VIII. 837; XXI. 287.
- SARMATIANS, ancient people, Europe and Asia, XXI. 310, 575, 578; in Russia, XXI. 78.
- SARMIENTO, Mount, Tierra del Fuego, XXIII. 384.
- DE GAMBOA, Pedro, Patagonian explorer, XVIII. 353.
- SARNEN, town, Switzerland, XXII. 778; XXIII. 858.
- SARNO, town, Italy, XXI. 311.
- SARPFOS, waterfall, Norway, XVII. 575.
- SARPI, Pietro, friar, theologian, and scientist, XXI. 311; XVIII. 431; XIX. 505.
- SARRACENIA, genus of insectivorous plants, XIII. 138.
- SARRAZIN, Jacques, French painter, XXI. 313.
- SARRUSOPHONES, musical instruments, XVII. 707.
- SARS, Georg Ossian, on fish spawning, IX. 244.
- , Michael, Norwegian zoologist, XVII. 592.
- SARSAPARILLA, drug, XXI. 313.
- SARSFIELD, Lady, wife of Baron von NeuhoF, XVII. 362.
- SARTAK, Tartar chief, XXI. 46.
- SARTHE, department, France, XXI. 314.
- SARTI, Giuseppe, Italian musical theorist and composer, XXI. 314; V. 587.
- SARTO, Andrea del, Italian painter, XXI. 315, 435.
- SARTORITE, mineral, XVI. 394.
- SARTORIUS, Georg, German economist, XIX. 387.
- SARTS, Asiatic tribe, XIV. 64; XXII. 820; in Persia, XXIII. 25; in Turkestan, XXIII. 636.
- SARUM, town, England, XXI. 218.
- USE, liturgy, VIII. 379.
- SARUN (Saran), district, India, XXI. 304.
- SARUS, river, Asia Minor, II. 708; V. 777.
- SARY-SU, river, Siberia, XXIII. 627.
- SARZEAU, town, France, XVI. 813.
- SASANIAN EMPIRE, Persia, XVIII. 607; coins of, XVII. 659; contest of, with Rome, XX. 777.
- SASINE, in Scots law, XXI. 626.
- SASKATCHEWAN, district, North-West Territory, British America, XVII. 573.
- SASKIA VAN ULENBURGH, wife of Rembrandt, XX. 374.
- SÁ SOTOMAIOR, Eloi de, Portuguese poet, XIX. 556.
- SASSAFRAS NUT, XVII. 664.
- SASSANIAN (SÁSÁNIAN) EMPIRE, Persia, XVIII. 607; coins of, XVII. 659; contest of, with Rome, XX. 777.
- SASSARI, town, Sardinia, XXI. 316.
- SASSERAM, subdivision, Bengal, India, XXI. 316.
- SASSNITZ, town, Rügen, Prussia, XXI. 57.
- SASSOLINE, mineral, XVI. 387.
- SATALI, town, Asia Minor, XXI. 317.
- SATAN, VII. 136; doctrine of the Bogomili regarding, III. 858; in Manichæism, XV. 483; Zoroastrian doctrine of, XXIV. 822.
- SATARA, district and town, India, XXI. 317.
- SATELLITES, of planets, II. 783; of Jupiter, II. 810.
- SATI (Suttee), Hindu rite, XXII. 727; IV. 210; abolition of, XII. 806.
- SATIN, textile, XXIV. 464; origin of the word, V. 673.
- SPAR, mineral, I. 439; XVI. 398.
- SATIN-WOOD, XXI. 317.
- SATIRE, XXI. 317; Roman, XVIII. 661.
- MENIPPÉE, in French literature, IX. 655.
- OF THE THREE ESTATES, Lyndsay's, XV. 108.
- SATIRES, Menippean, of Varro, XXIV. 93.
- SATKINSH, town, Russia, XXIII. 717.
- SATLAJ (Sutlej), river, India, XII. 847; XX. 106; I. 484.
- SATNAMIS, Hindu sect, III. 671.
- SATNIOS, river, Asia Minor, XXIII. 578.
- SATRAPS, Persian, organized by Darius, XVIII. 569; of Alexander the Great, XVIII. 583.
- SATSUMA, Japan, Porcelain of, XIX. 635.
- INSURRECTION, Japan, XIII. 585.
- SATTARAH (Satara), district, India, XXI. 317.
- SATURÆ, in Roman drama, VII. 409; XIV. 723.
- SATURN, Italian divinity, XXI. 320.
- , planet, II. 776, 782, 811; as affected by tidal friction, XXIII. 379.
- SATURNALIA, Roman festival, XXI. 321.
- , Macrobius's treatise, XV. 167.
- SATURNINUS, Roman tribune, XX. 758.
- , St, French martyr, XXIII. 485.
- SATYR, of Greek mythology, XXI. 322; XXII. 51.
- SAUDA, Urdu poet, XI. 848.
- SAUERKRAUT, article of food, IV. 618.
- SAUERLAND, district, Westphalia, Germany, XXIV. 516.
- SAUGOR (Sagar), district, India, XXI. 146; town, XXI. 147.
- SAUGUR STRAITS, Japan, XIII. 570.
- SAUL, king of Israel, VI. 838; XIII. 403; XXI. 253; claim of Afghan descent from, I. 238.
- of Tarsus (Paul, St, *q.v.*), XVIII. 415.

- SAUMAISE, Claude de (Salmasius), Dutch scholar, XXI. 219; XVI. 332.
- SAUMAREZ, Baron de, English admiral, XXI. 322.
- SAUMUR, town, France, XXI. 322.
- WINE, XXIV. 606.
- SAUNDERSON, Nicholas, English mathematician, XXI. 323.
- SAURAS, tribe, India, xv. 185.
- SAURIANS, division of reptiles, xx. 432.
- SAURIN, Jacques, French preacher, XXI. 323.
- SAUROGNATHOUS TYPE, of birds, III. 716.
- SAUROIDS, group of Vertebrata, XXI. 323.
- SAUROMATÆ, or Sarmatians (*q.v.*), ancient people, XXI. 310, 78, 575, 578.
- SAUROPODA, order of fossil reptiles, xx. 443.
- SAUROPSIDA, group of Vertebrata, XXI. 323; XVIII. 43.
- SAUROPTERYGIA, group of fossil reptiles, XIX. 220; xx. 444.
- SAURURÆ, group of birds, III. 699; XVIII. 34, 44.
- SAUSAGE, German Pea, preserved food, XIX. 707.
- SAUSSURE, Horace Bénédicte de, Swiss physicist, XXI. 323; XXII. 799; his electrical experiments, VIII. 9; his observations on glaciers, x. 629.
- , Nicolas de, Swiss agriculturist, XXI. 323.
- , Nicolas Théodore de, Swiss chemist, XXI. 324.
- SAUSSURITE, mineral, XIII. 541; XVI. 420.
- SAUTERNE WINE, XXIV. 605.
- SAUTREY, William, Lollard martyr, XIV. 811.
- SAUVAGES, François Bossier de, French physicist, xv. 815.
- SAVA, St, archbishop of Servia, XXI. 689.
- SAVAGE, Richard, English poet and adventurer, XXI. 324; his relations with Dr Johnson, XIII. 722.
- SAVAGES, Bearing of international law on, XIII. 196.
- SAVALAN, Mount, Persia, XVIII. 619.
- SAVANNAH, town, Georgia, U.S.A., XXI. 324; river, x. 434.
- SAVARS, people, India, v. 243.
- SAVART, Félix, his acoustic apparatus, I. 108.
- SAVARY, Anne Jean Marie René, French general and diplomatist, XXI. 325.
- SAVARY'S HELIOMETER, XVI. 249.
- SAVELLI, Luca, Roman senator, xx. 795.
- SAVERNAKE FOREST, Wilts, England, XXIV. 594.
- SAVERY, Thomas, inventor of a steam pumping engine, XXII. 473.
- SAVIA, Roman province, Pannonia, XVIII. 213.
- SAVIGLIANO, town, Italy, XXI. 325.
- SAVIGNY, Carl Friedrich von, Prussian minister, XXI. 327.
- , Friedrich Carl von, historian of Roman law, XXI. 326.
- SAVILLE, George, marquis of Halifax, XI. 386.
- , Sir Henry, English scholar, XXI. 327.
- SAVIN, plant, XIII. 774.
- SAVINGS BANKS, XXI. 327; post-office, XIX. 572; in England and Wales, VIII. 240, 256; at Paris, XVIII. 283.
- SAVOIE, department, France, XXI. 331.
- , Haute, department, France, XXI. 332.
- SAVONA, town, Italy, XXI. 333.
- SAVONAROLA, Girolamo, Italian Reformer, XXI. 333; XIII. 481; in Florence, IX. 335; his influence on contemporary art, IV. 166; on Italian literature, XIII. 508.
- SAVON DE VERRIER, mineral, XVI. 387.
- SAVORY, herb, XII. 289.
- SAVOY, departments of France, XXI. 331, 332; annexation of, IX. 624; XIII. 490.
- , vegetable, XII. 287.
- , Academy of, I. 74.
- , House of, XXI. 339 (genealogical table, 340); XIII. 483.
- CONFERENCE (1662), London, XIX. 690.
- PALACE, London, XIV. 838, 845.
- SAW, tool, XXI. 343; XI. 437.
- SAWAD, district, Mesopotamia, XVI. 51.
- SAWAHILI, people, East Africa, XVI. 697.
- SAWAI, island, South Pacific, XVII. 279.
- SAWAIORI, Polynesian race, XIX. 423.
- SAWAKIN (Suakim), port on Red Sea, xx. 316; XXII. 615.
- SAWANTWARI, state, India, XXI. 342.
- SAWATCH MOUNTAINS, U.S.A., XXIII. 796.
- SAW-BILL, bird, XVI. 35.
- SAW-FISH, XII. 686; xx. 299.
- SAW-FLY, XXI. 343; XII. 576; as wheat pest, XXIV. 536.
- SAW-MILLS, XXI. 344.
- SAWS, tools, XXI. 343; XI. 437.
- SAWTREY, John, English martyr, xx. 322.
- SAWUNTWARRIE, state, India, XXI. 342.
- SAWYER-WORK, for building, IV. 476.
- SAX, Charles Joseph, musical instrument maker, XVII. 98.
- SAXE, John Godfrey, American poet, I. 722.
- , Maurice, Comte de, French marshal, XXI. 346; IX. 586.
- SAXE-ALTENBURG, duchy, Germany, XXI. 347.
- SAXE-COBURG-GOTHA, duchy, Germany, XXI. 347.
- SAXE-MEININGEN, duchy, Germany, XXI. 348.
- SAXE-SAALFELD, duchy, Germany, XXI. 122.
- SAXE-WEIMAR-EISENACH, grand-duchy, Germany, XXI. 349.
- SAXICOLA, genus of birds, XXIV. 536.
- SAXIFRAGE, plant, XXI. 350; XII. 251.
- SAXO GRAMMATICUS, Danish historian and poet, XXI. 350; his Chronicle, I. 57.
- SAXON CHRONICLE, VIII. 406.
- SAXONS, Teutonic people, XXI. 351; relation of, to the Angles, II. 30; their opposition to Charlemagne, v. 402; in England, VIII. 268, 270; first invasion of England by, XXII. 725; in Germany, x. 477; of Transylvania, XXIII. 522; law of the, XXI. 215.
- SAXON SWITZERLAND, XXI. 357.
- SAXONY, country, North Germany, XXI. 351; army of, II. 599; libraries, XIV. 527, 546; prison system, XIX. 760; schools for the blind, III. 829.
- , North Mark of, division of ancient Prussia, xx. 2.
- , Prussian, province of Prussia, XXI. 359.
- SAXOPHONE, musical instrument, XVII. 708.
- SAY, town, on Niger, Africa, XVII. 497.
- , Jean Baptiste, French political economist, XXI. 360; XIX. 382.
- SAYES COURT, mansion, Deptford, England, VII. 101.
- SAYLE, William, colonizer of South Carolina, U.S.A., XXII. 289.
- SAYNITE, mineral, XVI. 391.
- SAYYID AHMAD, Indian Wahhabi leader, XI. 849.
- SAYYID AHMAD KHAN BAHADUR, Urdu writer, XI. 850.
- SAYYIDS, Indian race, XII. 746; xv. 185.
- SBEITLA, town, Tunis, XXIII. 620.
- SCABIES, disease, XVIII. 270; XXII. 123.
- SCAGLIOLA, in plaster work, IV. 508.
- SCALA, Della (Scaliger), ruling family in Verona, XXIV. 173; tombs of the, XXIV. 172; II. 456.
- NOVA, town, Asia Minor, XXI. 361.
- SCALE, of maps, XXII. 708; xv. 522.
- , surveying instrument, XXII. 720.
- INSECTS, XIII. 153.
- SCALES, of animals, XXII. 107; of fishes, XII. 639; of mammals, xv. 348; of reptiles, xx. 446.
- , Musical, XVII. 80.
- , Thermometric, XXIII. 288; graduation of, XI. 27.
- SCALIGER, or Della Scala, family, Verona, Italy, XXIV. 173. See Scala.
- , Joseph Justus, Italian scholar, XXI. 362; ana of, I. 784.
- , Julius Cæsar, Italian philosopher, XXI. 361.

- SCALING, William, on the cultivation of willows, III. 422.
- SCALLOWAY, town, Shetland, Scotland, XVII. 848.
- SCAMANDER, river, Asia Minor, II. 707; XXIII. 578.
- SCAMELL, bird, X. 720.
- SCAMMONY, drug, XXI. 365.
- SCANDERBEG (George Castriota), Albanian prince, XXI. 365; I. 225, 447; XXIII. 642.
- SCANDeroon, town, Asia Minor, XXI. 366; V. 777.
- SCANDINAVIA, XXI. 366; union under one crown (1397), XXII. 746; antiquities of, II. 341; ancient armour, II. 555; mythology, I. 209; XVII. 155.
- SCANDINAVIAN ALPHABETIC CHARACTERS, I. 612.
- SCANDINAVIAN LANGUAGES, XXI. 366; dictionaries of, VII. 186.
- SCANDIUM, Spectrum of, XXII. 377.
- SCAPHOPODA, class of Mollusca, XVI. 663.
- SCAPOLITE, mineral, XVI. 412.
- SCAPULA, Anatomy of the, I. 826.
- SCAPULIMANCY, method of divination, VII. 293; XV. 206.
- SCARAB, gem, X. 136; Etruscan, VIII. 640.
- SCARABÆIDA, group of insects, XXIV. 238.
- SCARBOROUGH, town, England, XXI. 374.
- , town, Tobago, West Indies, XXIII. 427.
- SCARBROITE, mineral, XVI. 424.
- SCARCIES, rivers, Sierra Leone, XXII. 45.
- SCARDUS, Mount, Thrace, III. 282; XV. 136.
- SCARICHTHYS, genus of fishes, XVIII. 324.
- SCARIFIER, agricultural implement, I. 312.
- SCARLATINA, disease, XXI. 376; XVIII. 404.
- SCARLATTI, Alessandro, Italian musical composer, XXI. 375; XVII. 87.
- , Domenico, Italian musical composer, XXI. 376; XVII. 95.
- SCARLET, Pigments of, XIX. 87; dyes, VII. 574.
- FEVER, disease, XXI. 376; XVIII. 404.
- RUNNER, bean, XII. 283.
- SCARP, in fortification, IX. 422.
- SCARPA, Antonio, anatomist, I. 816.
- SCARPANTO (Carpatus), island, Mediterranean Sea, V. 127.
- SCARPELLINO, workman for sculptor, XXI. 571.
- SCARRON, Madame (Madame de Main-tenon, *q.v.*), XV. 304; IX. 578; XXI. 378.
- , Paul, French dramatist, XXI. 378.
- SCAR-TISSUE, XVIII. 366.
- SCARUFFI, Count Gasparo, Italian economist, XIX. 356.
- SCARUS, genus of fishes, XVIII. 324.
- SCAT, udal tribute, XXIII. 716.
- SCATARI, island, Nova Scotia, XVII. 601.
- SCAUP, or Scaup-Duck, bird, XXI. 378; XIX. 252.
- SCAVENGER'S DAUGHTER, instrument of torture, XXIII. 465.
- SCAW, cape, Denmark, VII. 80.
- SCAWFELL, mountain, England, VI. 697.
- SCEAUX, Court of, Madame Delaunay's account of, XXII. 439.
- SCENTS, or Perfumes, XVIII. 525.
- SCEPTICISM, in philosophy, XXI. 378.
- SCEPTRE, symbol of authority, XXI. 384.
- SCHACH DAGH, mountain, Caucasus, V. 254.
- SCHACK-STAFFELDT, Adolph, Danish writer, VII. 92.
- SCHADOW, Friedrich Wilhelm, German painter, XXI. 385.
- , Johann Gottfried, German sculptor, XXI. 385.
- , Rudolph, German sculptor, XXI. 385.
- SCHAFARIK, Paul Joseph, Hungarian writer, XXI. 386, 108; on the Slavs, XXII. 145.
- SCHAFBERG, mountain, Austria, XXI. 241.
- SCHAFFHAUSEN, canton, Switzerland, XXI. 386.
- , town, XXI. 387; XXII. 789; falls of the Rhine near, XX. 519; XXII. 777.
- SCHÄFFLE, Albert, German economist, XIX. 393.
- SCHÄFFLERTANZ, popular festival at Munich, Bavaria, XVII. 26.
- SCHALCKEN, Godfried, Dutch painter, XXI. 387.
- SCHALMEY, musical instrument, XVII. 706.
- SCHAMYL, Peter, Caucasian hero, XXI. 387, 102; his resistance to the Russians, V. 258.
- SCHANDAU, town, Saxony, XXI. 387.
- SCHARNHORST, Gerhard Johann David von, Prussian general, XXI. 387.
- SCHARNITZ, Tyrol, stormed by Ney (1805), III. 132.
- SCHÄSSBURG, town, Transylvania, Hungary, XXI. 387.
- SCHATTENBURG (Feldkirch), town, Austria, IX. 65.
- SCHAUMBURG-LIPPE, state, Germany, XIV. 683.
- SCHÉELE, Karl Wilhelm, Swedish chemist, XXI. 387; V. 462; XXII. 755; on photography, XVIII. 821.
- SCHÉELE'S GREEN, pigment, XIX. 88.
- SCHHEELITE, mineral, XVI. 403; XXIII. 607.
- SCHIEEMAKERS, Pieter, sculptor, XXI. 560.
- SCHIEERERITE, mineral, XVI. 429.
- SCHEFER, Leopold, German poet, X. 546.
- SCHIEFFER, Ary, Dutch painter, XXI. 388.
- SCHIEFFLER, Johann (Angelus), German poet and hymn-writer, II. 28; XII. 587; XVII. 135.
- SCHIEBLER, Johann Heinrich, on acoustics, XXIII. 619.
- SCHIEINER, Christoph, on sun-spots, II. 785.
- SCHIEDT, or Schelde, river, France, Belgium, and Holland, XXI. 389; III. 515.
- SCHELLING, Friedrich Wilhelm Joseph von, German philosopher, XXI. 389; on the beautiful, I. 217; on evolution, VIII. 762; his influence on German rationalism, XX. 290; influence of his philosophy on Hegel, XI. 614; his metaphysics, XVI. 87; on theosophic speculation, XXIII. 279.
- SHELLY, fish, XIX. 650; XXI. 223.
- SCHERNITZ, town, Hungary, XXI. 393.
- SCHENECTADY, town, New York, U.S.A., XXI. 393.
- SCHENKEL, Lambert, on mnemonics, XVI. 532.
- SCHETKY, John Alexander, Scottish painter, XXI. 393.
- , John Christian, Scottish painter, &c., XXI. 393.
- SCHIEUTZ, George and Edward, their calculating machine, IV. 655.
- SCHIEVENINGEN, town, Holland, XXI. 394.
- SCHIAVONE, Andrea, Italian painter, XX. 609.
- SCHIAVONETTI, Luigi, Italian engraver, XXI. 394.
- SCHIEDAM, town, Holland, XXI. 394.
- , variety of gin, X. 602.
- SCHIEFFNER, Franz Anton, Russian philologist, XXI. 394.
- SCHIEHALLION, mountain, Scotland, XVIII. 666.
- SCHIEL, fish, XIX. 89.
- SCHILLER, Johann Christoph Friedrich, German dramatist and poet, XXI. 395; on the philosophy of art, I. 220; his Spieltrieb theory, IX. 199; his influence on German drama, VII. 442; on German literature, X. 538; his relations with Goethe, X. 731.
- SCHILLER-SPAR, mineral, XVI. 415.
- SCHINKEL, Karl Friedrich, German architect and painter, XXI. 398.
- SCHINUS, genus of trees, XVIII. 519.
- SCHINZNACH, spa, Switzerland, XVI. 435.
- SCHIRMER, Friedrich Wilhelm, German painter, XXI. 398.
- , Johann Wilhelm, German painter, XXI. 398.
- SCHIRMERITE, mineral, XVI. 394.
- SCHISM, The Great Papal, XIX. 502.
- SCHISTOS, variety of alum, I. 644.

- SCHISTOSE ROCKS, in geology, x. 235.
- SCHIZOMYCETES, group of minute organisms, XXI. 398; IX. 836; their relations to Fungi, XXIV. 128.
- SCHIZONEMERTEA, suborder of nemertine worms, XVII. 326, 330.
- SCHIZORRHIS, genus of birds, XXIII. 487.
- SCHLÄGER, German sword, XXII. 803.
- SCHLAGINTWEIT-SAKÜNLÜNSKI, Hermann von, German explorer, XXI. 408.
- SCHLANGENBAD, spa, Germany, XXI. 460; XVI. 433.
- SCHLAWA SEE, lake, Prussian Silesia, XXII. 52.
- SCHLEGEL, August Wilhelm von, German poet, XXI. 408, 409; X. 542; his relations with Schelling, XXI. 390.
- , Hermann, on birds, XVIII. 14, 17; on reptiles, XX. 440.
- , Johann Adolph, German preacher, XXI. 408.
- , Johann Elias, German dramatist, XXI. 408.
- , Johann Heinrich, German writer on Danish history, XXI. 408.
- , Karl Wilhelm Friedrich von, German historian of literature, XXI. 408; X. 542.
- SCHLEGLERKRIEG, contest in Würtemberg (1367), XXII. 729.
- SCHLEI, inlet, Prussia, XXI. 413.
- SCHLEICHER, August, German philologist, XXI. 409; XVIII. 782.
- SCHLEIDEN, Matthias, German botanist, XXI. 409; on protoplasm, XIX. 828.
- SCHLEIERMACHER, Friedrich Daniel Ernst, German theologian, XXI. 409; X. 543; his influence on Baur, III. 448; influence on Neander, XVII. 304; on German rationalism, XX. 290; his lectures on the life of Jesus, XIII. 672.
- SCHLEMIHL, Peter, by Chamisso, v. 384.
- SCHLESIEŃ (Silesia, *q.v.*), district, Germany, XXII. 51.
- SCHLESWIG, Invasion of, by Austria (1864), III. 139; relations with Denmark, VII. 88.
- , town, Prussia, XXI. 413.
- SCHLESWIG-HOLSTEIN, province, Prussia, XXI. 414; XX. 14, 16; the Schleswig-Holstein question, X. 507, 509, 510.
- SCHLETTSTADT, town, German Alsace, XXI. 416.
- SCHLIEMANN, Heinrich, his explorations at Mycenæ, XVII. 115; at Tiryns, XXIII. 408; in the Troad, II. 341; XXIII. 581.
- SCHLOSSER, Johann Georg, friend of Goethe, X. 722.
- SCHLÖZER, August Ludwig von, German historian, XXI. 416.
- , Christian von, German economist, XIX. 388.
- SCHLÜßELBURG, town, Russia, XIV. 199; XXI. 190.
- SCHLÜTER, Andreas, German sculptor, XXI. 566.
- SCHLYTER, Karl Johan, on the Wisby sea laws, XXI. 585.
- SCHMALKALD, League of (1531), v. 415; X. 498; XV. 83; XX. 333.
- SCHMALKALDEN, or Schmalkald, town, Prussia, XXI. 416.
- SCHMALZ, Theodor, German economist, XIX. 363.
- SCHMALZÖL, rape oil, XX. 274.
- SCHMEISSER'S FORMULÆ, in spherical trigonometry, XXIII. 567.
- SCHMIDT, Franz Max, on Friar William's travels, XXI. 47.
- , Friedrich, German architect, XXIV. 221.
- SCHMITT, Polish historian, XIX. 305.
- SCHMOLKE, Benjamin, German hymn-writer, XII. 587.
- SCHMÖLLN, town, Germany, XXI. 347.
- SCHNEBELHORN, mountain, Zurich, Switzerland, XXIV. 830.
- SCHNEEBERG, mountain, Moravia, XVI. 810.
- , town, Saxony, XXI. 357; bismuth smelting at, III. 791.
- SCHNEEBERGITE, mineral, XVI. 428.
- SCHNEEKOPF, mountain, Germany, XXI. 347; XXIII. 332.
- SCHNEEKOPPE, or Riesenkoppe, mountain, Germany, X. 449; XX. 552.
- SCHNEIDEMÜHL, town, Prussia, XXI. 416.
- SCHNEIDER, Johannes (Agricola), German Reformer, I. 290; II. 129.
- SCHNEIDERITE, mineral, XVI. 382.
- SCHNITTER, Johannes (Agricola), German Reformer, I. 290; II. 129.
- SCHNORR VON KAROLSFELD, Julius, German painter, XXI. 416.
- SCHOEFFER, Johan, early German printer, XXIII. 688.
- , Peter, early German printer, XXIII. 687; on early printing, XXIII. 681, 684, 687.
- SCHOLÆ MILITUM, Roman, XX. 784.
- SCHOLARIUS, Georgius (Gennadius), learned Byzantine, X. 153.
- SCHOLASTICISM, in philosophy, XXI. 417; I. 35; dogmatic, VII. 340; logic of, XIV. 791; theology of, XXIII. 241; of Aquinas, II. 231; of Duns Scotus, VII. 545; Ramus's opposition to, XX. 268; Suarez's teaching, XXII. 615.
- SCHOLEMASTER, The, Ascham's work, II. 678.
- SCHOLIUM, Newton's, a fourth law of motion, XV. 715.
- SCHOMBERG, Frederick Armand, duke of, English general, XXI. 431.
- SCHÖNBEIN, Christian Friedrich, Swiss chemist, XXI. 432.
- SCHÖNBRUNN, Austria, Treaty of (1809), XVII. 215.
- SCHÖNEBECK, town, Prussia, XXI. 432.
- SCHÖNEBERG, suburb of Berlin, Prussia, XXI. 432.
- SCHÖNEMANN, Lili, friend of Goethe, X. 727.
- SCHÖNER, Johann, his globe, x. 681.
- SCHONGAUER, Martin, German painter and engraver, XXI. 432; VIII. 441.
- SCHÖNING, Gerhard, Norse historian, XVII. 590.
- SCHÖNKOPF, Kätchen, friend of Goethe, X. 723.
- SCHÖNLEIN, Johann Lucas, German physician, XV. 817.
- SCHOOL BOARDS, English and Scottish, VII. 680.
- SCHOOLCRAFT, Henry Rowe, American ethnologist, XXI. 432.
- SCHOOL FOR SCANDAL, Sheridan's play, XXI. 798.
- SCHOOLMEN, Mediæval, XXI. 417. See Scholasticism.
- SCHOOLS, VII. 670; endowed, XXI. 432; for the blind, III. 816, 826; for the deaf and dumb, II. 722; VII. 5; Acts relating to, VIII. 205; kindergarten, XIV. 79; musical conservatories, VI. 291; XVII. 83; public, law relating to, VII. 679; reformatory and industrial, XX. 338; technical, XXIII. 105; in the Middle Ages, XXIII. 831; in France, IX. 513; in Germany, X. 470; in London, XIV. 834; in Prussia, XX. 17; in Russia, XXI. 71; in United States, XXIII. 828.
- SCHOOL SOCIETY, British and Foreign, its origin, XIV. 258.
- SCHOOLS OF PAINTING, XXI. 433 (with list of painters, 442).
- SCHOPENHAUER, Adele, German authoress, XXI. 453.
- , Arthur, German philosopher, XXI. 448; X. 544; his ethics and pessimism, XVIII. 688; on evolution, VIII. 763.
- , Johanna, German authoress, XXI. 453.
- SCHORHAM'S PSALTER, VIII. 383.
- SCHORITZ, town, Rügen, Prussia, XXI. 57.
- SCHORLOMITE, mineral, XVI. 426.
- SCHOTT, Caspar, his aeronautic theory, I. 186.
- SCHOUW, Joachim Frederik, Danish botanist, VII. 93.
- SCHRÖCKH, Johann Matthias, on church history, v. 765.
- SCHRÖDER, Hugo, his telescopic glasses, XXIII. 141, 144.
- SCHROETER, Christoph Gottlieb, his pianoforte improvements, XIX. 71.
- SCHRÖTER, Johann Hieronymus, German astronomer, XXI. 458; on the planet Venus, II. 791; his observatory, Lilienthal, Bremen, XVII. 713.
- SCHUBART, Daniel, German writer, X. 540.
- SCHUBERT, Franz Peter, musical composer, XXI. 458.

- SCHUDY, or Tschudi, Swiss family, XXIII. 600.
- , Giles, Swiss historian, XXIII. 600.
- SCHUHMEISTER, J., his experiments in magnetism, XV. 267, 268.
- SCHULPFORTA, school, Naumburg, Germany, XVII. 249.
- SCHULTE, Johann Friedrich, Old Catholic leader, XVII. 755.
- SCHULTENS, Albert, Dutch Orientalist, XXI. 458; XI. 601.
- , Henry Albert, Dutch Orientalist, XXI. 459.
- , John James, Dutch Orientalist, XXI. 459.
- SCHULTZ, Michael, German musician, XIX. 656.
- SCHULTZE, Max Johann Siegmund, German anatomist, XXI. 459; on protoplasm, XIX. 829.
- SCHULZE-DELITZSCH, Hermann, his credit banks, VI. 214, 339.
- SCHUMACHER, Heinrich Christian, German astronomer, XXI. 459.
- SCHUMANN, Robert, German musical composer, XXI. 459; as symphonist, XVII. 97.
- SCHUPP, Balthasar, German writer, X. 531.
- SCHÜRMAN, Anna Maria von, Labadist, XIV. 163.
- SCHÜTZ, Heinrich, German musician, XVII. 87.
- SCHUYLER, Philip, American revolutionary general, XXIII. 790.
- SCHUYLKILL, river, Pennsylvania, U.S.A., XVIII. 500, 736.
- SCHWABE, Samuel Heinrich, German astronomer, XXI. 460.
- SCHWABENSPIEGEL, German law code, X. 525.
- SCHWÄBISCHER STÄDTEBUND (1376), XXII. 729.
- SCHWACH, Conrad Nicolai, Norwegian poet, XVII. 590.
- SCHWALBACH, spa, Germany, XXI. 460; XVI. 434.
- SCHWALENBERG, Counts of, German family, XXIV. 322.
- SCHWANN, Theodor, German physiologist, XXI. 460; his cell theory, XXIV. 816; on embryology, VIII. 166; on fermentation, IX. 95; on minute organisms, XXI. 400.
- SCHWANTHALER, Ludwig Michael, German sculptor, XXI. 460, 566.
- SCHWARTZ, Christian Friedrich, German missionary, XXI. 461.
- SCHWARTZEMBERGITE, mineral, XVI. 385.
- SCHWARTZERD, Philip (Melancthon, *q.v.*), German Reformer, XV. 833.
- SCHWARZ, or Schwartz, Christian Friedrich, German missionary, XXI. 461.
- SCHWARZBURG-RUDOLSTADT, principality, Germany, XXI. 461.
- SCHWARZBURG-SONDRERSHAUSEN, principality, Germany, XXI. 461.
- SCHWARZENBERG, Prince of, Austrian field-marshal, XXI. 462; XVII. 220.
- SCHWARZWALD, or Black Forest, Germany, III. 795; XXIV. 699.
- SCHWATKA, Lieutenant, Arctic explorer, XIX. 325.
- SCHWEGLER, Albert, German philosophical writer, XXI. 462.
- SCHWEIDNITZ, town, Prussia, XXI. 462.
- SCHWEIGAARD, Anton Martin, Norwegian jurist, XVII. 592.
- SCHWEINFURT, town, Bavaria, XXI. 462.
- GREEN, pigment, XIX. 88.
- SCHWEINFURTH, Georg, on the Negro race, XVII. 318; his researches in Africa, I. 248.
- SCHWEITZER (Helvetius), family of Dutch physicians, XI. 642.
- SCHWELM, town, Prussia, XXI. 463.
- SCHWENCKFELD, Caspar, on birds, XVIII. 4.
- SCHWENDENER, Simon, on lichens, XIV. 556.
- SCHWENKFELD, Caspar, German mystic, XXI. 463; XVII. 134.
- SCHWERIN, town, Mecklenburg, Germany, XXI. 464.
- SCHWIND, Moritz von, German painter, XXI. 464.
- SCHWYZ, canton, Switzerland, XXI. 464; XXII. 781; town, XXI. 465.
- SCIACCA, town, Sicily, XXI. 465.
- SCIÆNIDÆ, family of fishes, XXIV. 738.
- SCIALOJA, Antonio, Italian economist, XIX. 387.
- SCIATICA, disease, XVII. 364.
- SCIENCE, SCIENCES, XXIV. 799; biological, III. 679; mathematical, XV. 629; physical, XIX. 1; relations of, to art, II. 637; to logic, XIV. 781; to metaphysics, XVI. 80; to philosophy, XVIII. 792; to theism, XXIII. 249; influence of Christianity on, V. 698; delusions of, in early times, I. 462; in relation to the Renaissance, XX. 383, 386; Bacon's views of, III. 214; academies of, I. 70; scientific societies, XXII. 221, 222; XIV. 835.
- OF LEGISLATION, Filangieri's, IX. 159.
- SCIENCES, Whewell's Philosophy of the, XXIV. 539.
- SCIENZA NUOVA, Vico's work, XXIV. 212.
- SCILLA, genus of plants, XXII. 437.
- SCILLIN, SCILLIPRIN, SCILLITOXIN, principles in squill, XXII. 437.
- SCILLY ISLES, England, XXI. 465.
- SCIMITAR, weapon, XXII. 801.
- SCINDE, or Sind (*q.v.*), province, India, XXII. 90.
- SCINDHIA (Sindhia), native prince, India, XII. 804; XXIV. 494.
- SCIO, island, Asia Minor, XXI. 465.
- SCIOPIUS, Gaspar, critic, XXI. 364.
- SCIOPTICON LANTERN, XV. 212.
- SCIOTO, river, Ohio, U.S.A., XVII. 734.
- SCIPIO, Lucius, Roman consul, XXI. 467.
- , Publius Cornelius, Roman general, XXI. 466.
- , Quintus Cæcilius Metellus Pius, Roman general, XVI. 106.
- , Shield of, Roman plate of 4th century, XIX. 181.
- AFRICANUS, the Elder, Roman general, XXI. 467; XX. 750; his relations with Polybius, XIX. 412.
- AFRICANUS, the Younger, XXI. 468; XIII. 766; in Spain, XXII. 306.
- NASICA, Roman pontifex, XXI. 468.
- SCIPIOS, Inscriptions on monuments of the, XIV. 329.
- SCIRE FACIAS, in English law, XXI. 468.
- SCIRON, of Greek legend, XIX. 559; XXIII. 294.
- SCIRTOPODA, order of Rotifera, XXI. 8.
- SCISSORBILL, bird, XXII. 120.
- SCIURIDÆ, family of rodent mammals, XV. 418; XXII. 437.
- SCIUROPTERUS, genus of rodent mammals, XXII. 437; XV. 418.
- SCLATIER, Philip Lutley, on birds, XVIII. 12, 27, 41.
- SLERENCHYMA, hardened plant cells, XII. 15.
- SLEROBLASTS, of sponges, XXII. 420.
- SLEROTIA, tuberculous bodies in Fungi, IX. 828.
- SLEROTIC ACID, in ergot, VIII. 521.
- SLEROTIC COAT, of the eyeball, I. 886.
- SLEROTITIS, eye disease, XVII. 782.
- SCODRA (Scutari), town, Albania, XXI. 573.
- SCOGGIO OLIVI, island, Austria, XIX. 284.
- SCOLARI, Paulino (Pope Clement III.), V. 821.
- SCOLASTICA, St, sister of St Benedict, III. 558.
- SCOLECITE, mineral, XVI. 423.
- SCOLOPAX, genus of birds, XX. 317; XXII. 200; XXIV. 650.
- SCOLOPENDRA, genus of Myriapoda, XVII. 119.
- SCOLOPENDRELLA, genus of Myriapoda, XVII. 120.
- SCOLOTI (Scythians), ancient people, XXI. 575.
- SCOMBER, genus of fishes, XV. 159.
- SCONE, ancient town, Scotland, XVIII. 667; XXI. 477, 480.
- SCOOPER, bird, XXII. 552.
- SCOPAS, Greek sculptor, II. 360.

- SCOPASIS, Scythian sovereign, XXI. 576.
 SCOPIA, town, Macedonia, XV. 137.
 SCOPOLI, Giovanni Antonio, on birds, XVIII. 7.
 SCOPS, genus of birds, XVIII. 91.
 SCOPUS, genus of birds, XXII. 577.
 SCORBUTUS, or Scurvy (*q.v.*), disease, XXI. 572.
 SCORESBY, William, English Arctic explorer and physicist, XXI. 468; XIX. 318.
 SCORODITE, mineral, XVI. 405.
 SCORONCONCOLO, Italian desperado, XV. 789.
 SCORPION, arachnid, II. 283.
 SCORPION-FLY, insect, XIII. 151.
 SCORPION-GRASS, plant, IX. 414.
 SCORPIONIDEA, order of Arachnida, II. 281.
 SCORZONERA, vegetable, XII. 287.
 SCOT, Michael, Scottish philosopher and astrologer, XXI. 469, 427; translator of Arabic works, II. 270; on physiognomy, XIX. 4.
 —, Reginald, English writer on witchcraft, XXI. 470.
 SCOTCH PEBBLE, I. 277.
 SCOTER, bird, XXI. 470.
 SCOTIA, or Scotland (*q.v.*), XXI. 477.
 —, in architecture, II. 472.
 SCOTICHRONICON, Fordun and Bower's, IX. 397; XXI. 540.
 SCOTISM, scholastic philosophical system, XXI. 429; VII. 545.
 SCOTLAND, XXI. 471 (index, 536); invasion of, by William I. of England, XXIV. 576; by William II., XXIV. 577; Norman settlement in, XVII. 550; rebellion of 1745, V. 426; Reformation in, XX. 337; Stuart family, XXII. 610; union of crown with the crown of England (1603), XXI. 509; parliamentary union with England (1707), VIII. 353; XVIII. 308; XXI. 518; in time of Cromwell, VI. 601; under Edward I. of England, VII. 683; in time of Robert the Bruce, XX. 592; Wallace's exploits in, XXIV. 326; agriculture during 16th and 17th centuries, I. 298; banking in, III. 332; birds of, XVIII. 18; Church of, XXI. 536; Episcopal Church in, VIII. 489; XIV. 711; XXI. 779; Free Church of, IX. 742; United Presbyterian Church, XXIII. 727; coalfields, VI. 52; coins, XVII. 656; cotton manufacture, VI. 501; fisheries, IX. 257; forests, IX. 399; Gaelic literature, V. 313; Gaelic topography, X. 10; Gothic architecture, II. 428; law of landlord and tenant, XIV. 276; land tenure, XIV. 264; statute law, XXII. 470; libraries, XIV. 522, 542; mines, XVI. 467; newspapers, XVII. 422; observatories, XVII. 710; peerage, XVIII. 466; police system, XIX. 341; Presbyterianism in, XIX. 679; school system, VII. 680; universities, XXIII. 854.
 SCOTLAND, Church of, XXI. 536; XXIII. 727; Moderatism in, XX. 599; Chalmers's relations to, V. 376.
 —, Literature of, XXI. 540.
 —, YARD, police headquarters, London, XIX. 338.
 SCOTOPHILUS, genus of bats, XV. 411.
 SCOTS, their origin, XXI. 473; XIII. 244; invasion of Roman province of Britain by, IV. 353; VIII. 265.
 SCOTSMAN, Edinburgh newspaper, XVII. 423.
 SCOTT, Alexander, early Scottish poet, XXI. 542.
 —, David, Scottish painter, XXI. 543.
 —, Sir George Gilbert, English architect, XXI. 543.
 —, John (Lord Eldon), lord chancellor of England, VII. 828.
 —, or Scot, Michael, mediæval philosopher, XXI. 469, 427; II. 270; XIX. 4.
 —, Sir Walter, Scottish poet and novelist, XXI. 544; his place in English literature, VIII. 433, 434; his home at Abbotsford, I. 26; Lockhart's Life of, XIV. 763.
 —, William (Lord Stowell), English judge, XXII. 580.
 —, Winfield, American general, XXI. 551; XXIII. 767, 770.
 —, Mount, Oregon, U.S.A., XVII. 822.
 SCOTTISH CHIEFS, Miss Porter's work, XIX. 527.
 SCOTTISH EPISCOPAL CHURCH, its liturgy, XIV. 711.
 SCOTTISH GUARD, in France, under Charles VII., IX. 551.
 SCOTTISH LITERATURE, XXI. 540.
 SCOTUS, Johannes (Erigena), mediæval philosopher, VIII. 371, 522.
 —, John Duns, scholastic philosopher, VII. 545; XXI. 429; on evolution, VIII. 758.
 SCOURGING, as a religious discipline, IX. 280.
 SCOUT, bird, XI. 262; XX. 302.
 SCOUTI-ALLEN, bird, XXII. 125.
 SCRABER, SCRAIB, bird, XXI. 781.
 SCRANTON, town, Pennsylvania, U.S.A., XXI. 551.
 SCREAMER, bird, XXI. 552.
 SCREECH-OWL, bird, XVIII. 89.
 SCREEN, in architecture, II. 472.
 SCREW, XXI. 552; XV. 754, 759; machines for manufacture of, XV. 153, 155; of Archimedes, II. 381.
 SCREW-PROPELLER, of a ship, XXI. 823.
 SCREW TOOLS, XI. 438.
 SCRIBE, Augustin Eugène, French dramatist, XXI. 553.
 SCRIBES, Jewish, III. 641; VIII. 831; XIII. 419.
 SCRIBLERUS CLUB, English literary society, II. 325.
 SCRIBONIUS CURIO, constructor of first amphitheatre, I. 774.
 SCRIPTORIS, Paulus, tutor of Conrad Pellicanus, XVIII. 477.
 SCRIPTURE, see Bible; inspiration of, XIII. 154.
 SCRIVENER, Frederick Henry, on Codex Bezae, I. 123.
 SCRIVENER'S PALSY, disease, VI. 543.
 SCROFULA, disease, XXI. 554; XVIII. 405.
 SCROGGS, John, Arctic explorer, XIX. 318.
 SCROPHULARIACEÆ, group of parasitic plants, XVIII. 265.
 SCRUB-BIRD, XXI. 554.
 SCUDÉRY, Georges de, French writer, XXI. 555.
 —, Madeleine de, French novelist, XXI. 555; IX. 659; XX. 659.
 SCUIR-NA-GILLEAN, mountain, Skye, Scotland, XXII. 127.
 SCULLS, oars, XXI. 30.
 SCULPTURE, XXI. 556; as a fine art, IX. 204; as illustrated on coins, XVII. 629, 633; in relation to poetry, XIX. 262; Pindar's recognition of, XIX. 101; in terra-cotta, XXIII. 193, 194; in wall decoration, XVII. 34; in wood, XXIV. 645; Assyrian, III. 190; Greek, II. 347; examples by Lysippus, XV. 120; Michelangelo's, XVI. 230; Raphael's, XX. 281; on rocks, in Phrygia, XVIII. 850; at Selinus, Sicily, XXI. 633; Venetian, XXIV. 156; Veronese, XXIV. 172; academies of, I. 78; Watt's inventions for copying, XXIV. 414.
 SCUMBLING, in painting, XVIII. 138.
 SCUPI, town, Macedonia, XV. 137.
 SCURVY, disease, XXI. 572; XVIII. 377; diet for, VII. 207.
 SCUTAGE, knight service, in law, XXI. 572; as military tax, I. 32.
 SCUTARI, town, Albania, XXI. 573; I. 448.
 —, province, Turkey in Europe, XXIII. 653.
 —, town, Turkey in Asia, XXI. 573.
 —, Lake, Albania, XVI. 780.
 SCUTCHER, cotton machine, VI. 491, 493.
 SCUTES, of animals, XXII. 107, 108.
 SCUTIGERA, genus of Myriapoda, XVII. 119.
 SCUTTOCK, bird, XI. 262.
 SCYLAX of Caryanda, Greek explorer, XXI. 573.
 SCYLES, Scythian king, XXI. 578.
 SCYLLA AND CHARYBDIS, Legend of, XXI. 574.
 SCYLLIUM, genus of sharks, XXI. 774.
 SCYMNUS of Chios, Greek geographer, XXI. 574.
 SCYPHOMEDUSÆ, subclass of Hydrozoa, XII. 555.
 SCYROS, island, Ægean Sea, XXI. 574.
 SCYRRI, Teutonic tribes, XVII. 726.
 SCYTLIDÆ, family of snakes, XX. 193.

- SCYTALOPUS, genus of birds, XXIII. 49.
- SCYTHE, reaping implement, XXI. 574.
- SCYTHIA, ancient region, Europe and Asia, XXI. 575; expedition of Darius I. against, XVIII. 570.
- SCYTHIAN LANGUAGE, XVIII. 779.
- SCYTHIANS, ancient people, Europe and Asia, XXI. 575; in India, XII. 788; invasion of Palestine by, XIII. 415; their inroads into Persian empire, XVIII. 563, 570, 594, 599, 603; in Russia, XXI. 78.
- SEA, XXI. 578; x. 221, 283; colour of, XIV. 600; depths of, III. 17; XII. 821; XVIII. 121; distribution of animals in, VII. 276; phosphorescence of, XVIII. 814; appliances for sounding, XXII. 280; temperature, VI. 4; XVI. 116, 132; XVIII. 119; XXIII. 291; tides, XXIII. 353; water, XXI. 611; VII. 263; x. 221; waves, XXIV. 419. See also Atlantic, Pacific, etc.
- SEA-ANEMONES, group of Actinozoa, I. 129; VI. 369.
- SEA-BEAR, carnivorous mammal, XV. 443.
- SEA-BREAM, fish, XII. 688.
- SEA BRIGHT, town, New Jersey, U.S.A., XVII. 397.
- SEA-CAT, fish, XXI. 614.
- SEA-COW, cetacean mammal, XV. 390.
- SEA-CUCUMBER, echinoderm, III. 477; VII. 639; XX. 411.
- SEA-DEVIL, fish, VII. 138; IX. 269; XII. 686; XX. 300.
- SEADYAH, Jewish rabbi and scholar, XXI. 120.
- SEA-EAGLE, bird, VII. 589.
- SEA-ELEPHANT, carnivorous mammal, XV. 444.
- SEA FISHERIES, IX. 243.
- SEAFORD, town, Sussex, England, XXII. 724.
- SEA-HARE, mollusc, XVI. 656.
- SEA-HEDGEHOG, fish, x. 685; XII. 694.
- SEA-HORSE, fish, XXI. 579.
- SEA-ISLANDS, Georgia, U.S.A., x. 434.
- SEA-KALE, vegetable, XII. 287.
- SEAL, carnivorous mammal, XXI. 580; XV. 443; oil, XVII. 744, 747; extermination of seals, XIX. 126; consumption of the flesh by Eskimos, VIII. 545; fishery, XXI. 581; Newfoundland fishery, XVII. 384; skins of, IX. 839; XIV. 388; XXI. 583.
- , Engraved, XXI. 586; gems, x. 136; in heraldry, XI. 683, 707.
- SEA LAWS, XXI. 583.
- SEA-LEOPARD, carnivorous mammal, XV. 443.
- SEA-LETTER, passport, XVIII. 344.
- SEA-LEVEL, XXII. 708.
- SEALING WAX, XXI. 586; XXIV. 459.
- SEA-LION, carnivorous mammal, XV. 443.
- SEALKOTE (Sialkot), town, India, XXI. 850.
- SEALS, Engraved, XXI. 586; gems, x. 136; in heraldry, XI. 683, 707.
- SEAL-SKINS, IX. 839; XIV. 388; XXI. 583.
- SEAMANSIP, XXI. 589; XVII. 246; signals in, XXII. 49.
- SEAMAN'S PRACTICES, by Richard Norwood, XVII. 256.
- SEAMAN'S SECRETS, by John Davis, XVII. 254.
- SEAMEN, Laws relating to, XXI. 605.
- SEAMEN'S TERMS, Glossary of, XXI. 603.
- SEAN, or Seine, fishing net, IX. 253.
- SEANCE, Spiritualistic, XXII. 405.
- SEANG-TANG, town, China, v. 637.
- SEA-OTTER, carnivorous mammal, XVIII. 69.
- SEA-PARROT, bird, XX. 101.
- SEA-PENS, group of Actinozoa, I. 129; phosphorescence of, XVIII. 814.
- SEA-PIE, bird, XVIII. 111.
- SEAPORTS, Law of, XI. 471.
- SEARCH, Right of, Maritime, XXI. 608.
- WARRANT, XXIV. 371.
- SEARS, Edmund H., American hymn-writer, XII. 596.
- SEA SALT, XXI. 228.
- SEASALTER, town, England, XXIV. 555.
- SEA-SERPENT, XXI. 608.
- SEA-SICKNESS, XXI. 610.
- SEASIDE AND THE FIRESIDE, The, poems by Longfellow, XIV. 861.
- SEA-SLATER, crustacean, VI. 658.
- SEA-SLUGS, group of Echinodermata, VII. 639.
- SEA-SNAKES, XXII. 197.
- SEASONS, of the year, II. 773.
- , The, Haydn's oratorio, XI. 539.
- , The, Thomson's poem, XXIII. 311.
- SEA-SWALLOW, bird, XXIII. 189.
- SEA TERMS, Glossary of, XXI. 603.
- SEATHWAITE FELS, mountain, England, XIV. 252.
- SEA-TROUT, fish, XXI. 222.
- SEATS, furniture, IX. 848.
- SEATTLE, town, Washington Territory, U.S.A., XXI. 610.
- SEA-UNICORN, cetacean mammal, XV. 398; XVII. 235.
- SEA-URCHINS, group of Echinodermata, VII. 629; XX. 411.
- SEA-WATER, XXI. 611; x. 221; distillation of, VII. 263; highest temperature of, XVIII. 119.
- SEA-WEED, as manure, I. 350; drying of, I. 508.
- SEA-WOLF, fish, XXI. 614.
- SEB, Egyptian divinity, VII. 716.
- SEBALD, St, Shrine of, at Nuremberg, Bavaria, XVII. 663.
- SEBASTEIA, or Sebaste (Sivas), ancient town, Asia Minor, XXII. 103.
- SEBASTIAN, St, Roman martyr, XXI. 614.
- , Dom, king of Portugal, XIX. 546.
- SEBASTIANO DEL PIOMBO, Venetian painter, XXI. 615.
- SEBASTIYA (Samaria), village, Palestine, XXI. 243.
- SEBASTOPOL, town, Crimea, Russia, XXI. 616; VI. 586; siege of (1854-55), VIII. 366; IX. 457; XXI. 102; XXIII. 431.
- SEBASTOS (George Paleologus), Byzantine noble, XVIII. 165.
- SEBEK, Egyptian divinity, VII. 718.
- SEBENICO, town, Dalmatia, Austria, XXI. 616.
- SEBEZH, town, Russia, XXIV. 262.
- SEBKHA, lake, Algeria, I. 563.
- TIGHRI, lake, Morocco, XVI. 832.
- SEBOKHT, Severus, Syriac writer, XXII. 839.
- SEBORRHOEA, skin disease, XXII. 120.
- SEBU, river, Morocco, XVI. 832.
- SECALE, genus of plants, XXI. 117.
- SECANT, in trigonometry, XXIII. 563.
- SECCHI, Angelo, Italian astronomer, XXI. 616.
- SECENTISMO, SECENTISTI, The, in Italian literature, XIII. 511.
- SECESSION, in United States (1860), XXIII. 772.
- CHURCH, Scotland, VIII. 528; xv. 132; XIX. 685; XXIII. 727.
- SECKENDORF, German noble family, XXI. 616.
- , Veit Ludwig von, German jurist, XXI. 616.
- SECOND, unit of time, xv. 668.
- ADVENTISTS, American religious sect, XVI. 320.
- SECONDARY ROCKS, in geology, x. 352.
- SECOND-SIGHT, II. 204.
- , conjuring trick, xv. 208.
- SECRETARIES OF STATE, British, XVI. 473; VIII. 638; of United States, XXIII. 750.
- SECRETARIUS, genus of birds, XXI. 617.
- SECRETARY-BIRD, XXI. 617; I. 259.
- SECRECTIONS, Alimentary, XVII. 671.
- , Diseases of the, XVIII. 377.
- SECRETIVENESS, in phrenology, XVIII. 845.
- SECRET MARRIAGE, opera by Cimarosa, v. 779.
- SECULAR GAMES, Roman, XXI. 618.
- SECUNDERABAD, Indian cantonment, XXI. 618.
- SECUNDUS, Valentinian theologian, XXIV. 38.
- , Johannes, Dutch poet, XXI. 618.
- SEDAINE, Michel Jean, French dramatist, XXI. 618.
- SEDALIA, town, Missouri, U.S.A., XXI. 619.
- SEDAN, town, France, XXI. 619; battle of (1870), IX. 627; x. 513; XVII. 229.
- SEDARIM, divisions of the Mishnah, XVI. 505.
- SEDDON, Thomas, English painter, XXI. 619.

- SEDENTARIA, suborder of Protozoa, XIX. 863.
- SEDER OLAM, Midrashim, XVI. 286.
- SEDEYR, province, Arabia, II. 239.
- SEGE-BIRD, XXIV. 366.
- SEDGEMOOR, Somerset, England, XXII. 257.
- SEDGWICK, Adam, English geologist, XXI. 619.
- SEDILIA, in architecture, II. 472.
- SEDITION, in law, XXI. 619; in United States law, XXIII. 756.
- SEDLEY, Sir Charles, English poet and wit, XXI. 620; XVIII. 347.
- SE-DOM, river, Cambodia, Asia, XV. 832.
- SEDOMIERZ (Sandomir), town, Russian Poland, XXI. 259.
- SEDUCTION, in law, XXI. 620.
- SEDULIUS, Coelius, early Christian poet, XXI. 621; XII. 582; language and style of, XIV. 339.
- SEDUM, genus of plants, XXI. 621.
- SEE, Bishop's, III. 787.
- SEEBECK, Ludwig F. W. A., his syren, I. 109.
- , Thomas Johann, on photography, XVIII. 822.
- SEEBSAUGOR, town, India, XXII. 13.
- SEED, SEEDS, of plants, IV. 153; formation of, XX. 430; plants raised from, I. 86; transportation of, X. 266; agricultural, I. 383; adulterations of, I. 175.
- CORN, I. 354.
- SEER, of Scripture, XIX. 814.
- SEEROEE (Sirohi), state and town, India, XXII. 98.
- SEELAND, or Zealand, province, Holland, XXIV. 771.
- SÉES, town, France, XXI. 621.
- SEETZEN, Ulrich Jasper, German Oriental traveller, XXI. 621.
- SEFID RUD, river, Persia, XIII. 213.
- SEFTENBERG, Baron von, his observatory, Bohemia, XVII. 713.
- SE-GAN FOO, town, China, XXI. 621; V. 637.
- SEGARELLI, Gerhard, of Parma, founder of a sect of Apostolici, II. 198.
- SEGESTA, ancient town, Sicily, XXI. 622; I. 458.
- SEGESVAR, town, Transylvania, Hungary, XXI. 387.
- SEGMENT SHELL, Armstrong, ammunition, I. 744.
- SEGNER, Johann Andreas von, on surface-tension of liquids, V. 56.
- SEGNERI, Paolo, Jesuit, opponent of Molinos, XVI. 631.
- SEGO, town, Central Africa, I. 271; XXII. 279.
- SEGODUNUM (Rodez), ancient town, France, XX. 617.
- SEGOVIA, province, Spain, XXI. 622.
- , town, Spain, XXI. 623; aqueduct at, II. 221; church of St Millan, II. 432.
- SEGOVIA, river, Honduras, XII. 130.
- SÉGUIN, Armand, on mechanical equivalent of heat, VIII. 208.
- SEGUR, pass, India, XVII. 509.
- SEGURA, river, Spain, XVII. 52.
- , Manuel, Peruvian poet, XVIII. 676.
- SEGUSIO, town, Italy, XXII. 722.
- SEHARUNPOOR (Saharanpur), district, India, XXI. 151; town, XXI. 152.
- SEICHES, periodic changes in lake-levels, XIV. 220.
- SEIDEL, Philipp Ludwig, his work in celestial photometry, XVIII. 841.
- SEIDLITZ POWDERS, I. 184; XXIII. 69.
- SEIFHENNERSDORF, town, Saxony, XI. 655.
- SEIGNIORAGE, charge on coining, XVI. 725.
- SEIGNORIAL DOMAINS, I. 414.
- SEIGNORY, lordship of manor, XXI. 623.
- SEILUN (Shiloh), town, Palestine, XXI. 803.
- SEINE, department, France, XXI. 624.
- , river, France, XXI. 623; IX. 506; XVIII. 275, 285; improvement works, XX. 579.
- , fishing net, IX. 253.
- SEINE-ET-MARNE, department, France, XXI. 624.
- SEINE-ET-OISE, department, France, XXI. 625.
- SEINE INFÉRIEURE, department, France, XXI. 625.
- SEINY, town, Russian Poland, XXII. 728.
- SEIR, of Scripture, VIII. 533.
- SEISIN, in English law, XXI. 626.
- SEISMOLOGY, science of earthquakes, VII. 608.
- SEISMOMETER, SEISMOGRAPH, for measuring earth-movements, XXI. 626; VII. 611.
- SEISTAN, or Sistan, district, Persia, XVIII. 627; XXII. 100.
- SEJANUS, minister of Tiberius, XXIII. 337.
- SE-KEANG, river, China, V. 632.
- SEKHET, Egyptian divinity, VII. 718.
- SEKLUCYAN, John, Polish writer, XIX. 301.
- SEKWATI, river, North Borneo, XXI. 123.
- SELA, of Scripture, XVIII. 706.
- SELACHE, genus of sharks, XXI. 608, 777.
- SELACHOIDEI, group of fishes, XII. 685; XXI. 774.
- SELAGINELLA, genus of club-mosses, IX. 107; XV. 94.
- SELAMA, Abulkhair, Druse saint, VII. 484.
- SELANGOR, district, Malay Peninsula, XV. 322; XXII. 587.
- , river, Malay Peninsula, XV. 321.
- SELARU, island, Timor Laut group, Indian Archipelago, XXIII. 398.
- SELBORNE, Natural History of, White's, XXIV. 549.
- SELBY, town, England, XXI. 630.
- , Prideaux John, his illustrations of birds, XVIII. 13, 18.
- SELDEN, John, English jurist, XXI. 630; Table Talk of, I. 785.
- SELECTION, Natural, XXIV. 77.
- , Subjective, in psychology, XX. 73.
- SELENGA, plateau, Siberia, XXII. 2; river, XXII. 5; XXIII. 510.
- SELENGHINSK, town, Siberia, XXIII. 511.
- SELENIC ACID, V. 506.
- SELENITE, mineral, XVI. 396, 401; its colours, XXIV. 450.
- SELENIUM, chemical element, XXI. 631; V. 498; XVI. 380; alcohols and ethers of, V. 553.
- SELENODERA, genus of birds, XXIII. 477.
- SELENODONTA, division of ungulate Mammalia, XV. 430.
- SELENOGNATHUS, genus of fishes, XXI. 580.
- SELENSULPHUR, mineral, XVI. 380.
- SELENTER SEE, lake, Schleswig-Holstein, Germany, XXI. 414.
- SELEUCIA, town, Mesopotamia, XXI. 632; XVI. 51; XVIII. 587, 601, 604.
- , town, Cilicia, Asia Minor, XXI. 632.
- SELEUCIDÆ, Era of the, V. 715.
- SELEUCID DYNASTY, of Macedonian empire, XVIII. 585; XIII. 420; coins of, XVII. 649.
- SELEUCUS I., Macedonian king of Persia and Syria, XVIII. 585; XV. 142.
- II., -III., of Persia and Syria, XVIII. 588.
- IV., Philopator, of Persia and Syria, XVIII. 589; XIII. 420.
- SELF-COMPLACENCY, Psychological analysis of, XX. 70.
- SELF-CONSCIOUSNESS, in psychology, XVI. 92; XX. 39, 70, 83; Locke on, XIV. 758.
- SELF-ESTEEM, in phrenology, XVIII. 845.
- SELIGER, Lake, Russia, XXIII. 672.
- SELIM I., Turkish sultan, XXIII. 642, 656; his war with Persia, XVIII. 635.
- II., Turkish sultan, XXIII. 644; conquest of Tunis by, XXIII. 621.
- III., Turkish sultan, XXIII. 648.
- CHISTI, Tomb of, India, IX. 51.
- SELIMNIA, town, Turkey in Europe, XXII. 160.
- SELINUS, Greek town, Sicily, XXI. 633; XXII. 18; metopes of the acropolis of, II. 349; terra-cotta remains at, XXIII. 193.
- SELJUKS, Turkish dynasties of, XXI. 634; XXIII. 656, 660; occupation of Asia Minor by, II. 713; invasion of the Greek empire by, XI. 118; fall of the empire of, XXIII. 640.
- SELKIRK, county and town, Scotland, XXI. 638.

- SELKIRK, Earl of, his colony in Canada, XX. 315.
 —, Alexander, prototype of Robinson Crusoe, XXI. 639; XIII. 758.
- SELLASIA, Greece, Battle of (221), XVIII. 790.
- SELLER, in law, XXI. 205, 206.
- SELLING, William, early English scholar, VIII. 414.
- SELMA, town, Alabama, U.S.A., XXI. 639.
- SELTERS, spa, Germany, XVI. 436.
- SEM, river, Montenegro, XVI. 780.
- SEMANG, race of people, Malacca, XV. 323.
- SEMAPHORE, for signals, XXII. 49.
- SEMBERA, Alois, Bohemian historical writer, XXII. 153.
- SEMECHONITIS, or Merom, lake, Palestine, XIII. 746.
- SEMEISKIYE, Nonconformists in Eastern Siberia, XXIII. 510.
- SEMENDER, ancient Khazar town, Russia, XIV. 59.
- SEMENDRIA, town, Servia, XXI. 688.
- SEMIGALLIA, tribe, Lithuania, XIV. 702.
- SEMINOLES, American-Indian tribe, XII. 831, 835; war against, in Florida, IX. 341.
- SEMIPALATINSK, province and town, Russian Central Asia, XXI. 639.
- SEMIPELAGIANISM, theological doctrine, XVIII. 472.
- SEMIRAMIDE, Gluck's opera, X. 694.
- SEMIRAMIS, Legend of, XXI. 639.
- SEMIKVETCHENSK, province, Russian Turkestan, XXI. 640.
- SEMITES, ethnological group, II. 697, 698; XXI. 641, 643.
- SEMITIC ALPHABETS, I. 608.
- SEMITIC INSCRIPTIONS, XIII. 116.
- SEMITIC LANGUAGES, XXI. 641; XVIII. 778; XXIV. 740; dictionaries of, VII. 189.
- SEMITONES, in music, XVII. 78.
- SEMLER, Johann Salomo, German Biblical critic, XXI. 656; XX. 290; on the canon, V. 15.
- SEMLIN, town, Austria-Hungary, XXI. 657.
- SEMNÆ, or Furies, Altar of, at Athens, III. 2. See also IX. 840; VIII. 524.
- SEMNOPITHECUS, genus of apes, II. 151.
- SEMOLINA, article of food, XV. 125.
- SEMONIDES (Simonides) of Amorgos, Greek poet, XXII. 83; XXI. 318.
- SEMPACH, Switzerland, Battle of (1386), XV. 40; XXII. 784.
- , Lake, Switzerland, XXII. 777.
- SEMPER, Gottfried, German architect, XXI. 657.
- SEMPERVIVUM, genus of plants, XII. 317.
- SEMPLE, Robert, early Scottish poet, XXI. 542.
- SEMPRINGHAM, St Gilbert of, English monk, X. 593.
- SE-MUN, river, Cambodia, Asia, XV. 832.
- SENAAR, country, East Central Africa, XXI. 657.
- SÉNAC, Jean Baptiste, French physician, XV. 815.
- SENACULUM, meeting place, ancient Rome, XX. 816.
- SENA GALLICA (Sinigaglia), ancient town, Italy, XXII. 94.
- SÉNANCOUR, Étienne Pivert de, French man of letters, XXI. 658.
- SENARMONTITE, mineral, XVI. 388.
- SENATE, Roman, XX. 733, 738, 755, 772, 784, 793, 795.
 —, of the United States, XXIII. 749.
- SENCUS MOR, ancient Irish code, IV. 252.
- SENEBIER, Jean, Swiss vegetable-physiologist, XXI. 658.
- SENECA, Lake, New York, U.S.A., XVII. 451.
 —, Lucius Annaeus, Roman rhetorician and philosopher, XXI. 658; VII. 410; XX. 725; XXII. 572; his economic teaching, XIX. 350; his influence on Nero, XVII. 348; his death, XVII. 350; language and style of, XIV. 337.
 — FALLS, town, New York, U.S.A., XXI. 659.
- SENECIO, genus of plants, XI. 221.
- SENEFELDER, Alois, discoverer of the art of lithography, XIV. 697.
- SENEGAL, French colony, West Africa, XXI. 660; Adanson's exploration of, I. 144.
 —, river, West Africa, XXI. 660; I. 253.
- SENEGAMBIA, country, West Africa, XXI. 661; I. 268.
- SENESCHAL, Royal, England, XXI. 36.
- SENEJ, J., his map of London (1720), XIV. 849.
- SENGEL, or Senguer, river, Patagonia, XVIII. 353.
- SENGORA, district, Malay Peninsula, XV. 322.
- SENIIVINE ISLANDS, group of Caroline Islands, Pacific, V. 126.
- SENIGALLIA (Sinigaglia), town, Italy, XXII. 94.
- SENIOR, Nassau William, English economist, XXI. 663; XIX. 377.
- SENERAH, Tablets of, Babylonia, Numerals in, XVII. 626.
- SENLAC, or Hastings, England, Battle of (1066), VIII. 291; XI. 486; XXII. 725; XXIV. 575.
- SENLIS, town, France, XXI. 664; XVII. 749.
- SENNÄ, drug, XXI. 664; II. 237.
 —, town on Zambesi river, Africa, XXIV. 765.
- SENNACHERIB, king of Assyria, III. 187; XIII. 414; palaces of, at Nineveh, XVII. 512.
- SENNAR (Senaar), country, East Central Africa, XXI. 657.
- SENOFERU, king of Egypt, VII. 732.
- SENORA, province, Mexico, XVI. 214.
- SENS, town, France, XXI. 665; council of (1140), I. 35; III. 602.
- SENSATION, in physiology, XIX. 27; XXIII. 478; in psychology, XX. 40, 50, 67; in psycho-physics, XXIV. 469; XXIII. 481; in philosophy of Condillae, VI. 251; of Democritus, VII. 60; of Hartley, XI. 498; of Locke, XIV. 758; of the Stoics, XXII. 565.
- SENSE, distinguished from understanding, XX. 75; in Eleatic philosophy, VIII. 1; in Cudworth's, VI. 691; in Descartes's, V. 147; in Locke's, XIV. 758.
 —, Moral, or Conscience (*q.v.*), VIII. 600.
- SENSE-ORGANS, in man, I. 884; in Amphibia, I. 766; in birds, III. 725; in fishes, XII. 652; in mammals, XV. 366; in reptiles, XX. 461; III. 725.
- SENSITIVE PLANT, XVI. 345; XIX. 62.
- SENSORY NERVES, XIX. 27; how affected by the hypnotic condition, XV. 279.
- SENTENCES OF ALI, collection of Arabian proverbs, I. 572.
- SENTENTIARUM MAGISTER (Peter Lombard, *q.v.*), XIV. 813.
- SENTIMENTS, Phrenological organs of, XVIII. 845.
- SENTINUM, Italy, Battle of (295 B.C.), XX. 743.
- SENUSI, Mohammed el, Moslem mahdi, North Africa, XXI. 151; XXIII. 575.
- SEONI, or Seonee, district and town, India, XXI. 665.
- SEOUL, town, Corea, VI. 391.
- SEPAIS, of plants, IV. 131.
- SEPHARADIC RITUAL, of the Jews, XV. 293.
- SEPHARDIM, division of the Jews, XIII. 683.
- SEPHER YEZIRAH, Midrash, XVI. 286.
- SEPHIROTH, The Ten, of the Kabbalah, XIII. 811.
- SEPIA, genus of molluscs, XVI. 669, 673.
 —, pigment, XXI. 666; XIX. 88; from the cuttlefish, VI. 737.
- SEPIOLITE, mineral, XV. 825.
- SEPOLCRI, Ugo Foscolo's poem, IX. 472; XIII. 513.
- SEPOV, native Indian soldier, XXI. 666; II. 590; sepoy mutiny (1857), II. 591; XII. 809.
- SEPT, tribal division, V. 799.
- SEPTATA, order of Protozoa, XIX. 853.
- SEPTEMBER, month, XXI. 666.
- SEPTEM MARIA, lagoons, North-Eastern Italy, XIII. 436.
- SEPTICÆMIA, disease, XXI. 666; XVIII. 401; XXII. 678.
- SEPTIMANIA, ancient province, France, XIV. 287.
- SEPTUAGINT, Greek version of the Old

- Testament, XXI. 667; III. 641; V. 5; XXII. 824.
- SEPULCHRE, Easter, in architecture, II. 472.
- , The Holy, XXI. 670.
- , Canons Regular of the Holy, XXI. 670.
- , Knights of the Holy, XXI. 670.
- SEPULCHRES, Ancient American, II. 451; for mummies, XVII. 20.
- SEQUANA (Seine), river, France, XXI. 623.
- SEQUANI, Celtic tribe of ancient Gaul, X. 111.
- SEQUENCES, in mediæval hymnology, XII. 583.
- SEQUESTRATION, in Scots law, III. 344.
- SEQUOIA, genus of trees, XXI. 673; IX. 405; XXIII. 809.
- SERA, capital of China in Ptolemy's geography, XX. 93.
- , convent at Lhasa, Tibet, XIV. 501.
- SERAFI, Pere, Catalan poet, XXII. 364.
- SERAGLIO, or Harem, XI. 478.
- SERAIEVO, or Bosna Serai, town, Bosnia, IV. 68.
- SERAING, town, Belgium, XXI. 674.
- SERAJGUNJ (Sirajganj), town, India, XXII. 95.
- SERAMPUR, town, India, XXI. 674.
- SERANG, town, Java, XIII. 605.
- SERAPEUM, temple, near Memphis, Egypt, XXI. 674; II. 387.
- LIBRARY, at Alexandria, Egypt, XIV. 510.
- SERAPHIM, of Scripture, XXI. 674.
- SERAPION, Alexandrian physician, XV. 801.
- SERAPIS (Apis), of Egyptian mythology, XXI. 674; II. 173; VII. 717.
- SERBAL (Mount Sinai), Arabia, XXII. 88.
- SERBAN, Cantacuzene, voivode of Wallachia, XXI. 17.
- SERBONIS, Lake, Egypt, VII. 709.
- SERBS, race of people, XXI. 688; XXII. 147, 154.
- SERCAMBI, Giovanni, Italian writer, XIII. 505.
- SERCIAL, variety of Madeira wine, XV. 178; XXIV. 609.
- SERDOBOL, monastery, Finland, XXIV. 209.
- SERDOBSK, town, Russia, XXI. 305.
- SERENA, town, Chili, XXI. 674.
- SERENDIB, or Ceylon (*q.v.*), V. 364.
- SERENUS of Antissa, Greek geometer, XXI. 675.
- SERERE, people of Senegambia, XXI. 662.
- SERES, ancient name for the Chinese, V. 627; XVIII. 590.
- , town, Turkey in Europe, XXI. 675.
- SERETH, river, Roumania, XXI. 14.
- SERFDOM, XXII. 134; economic aspects of, XIX. 352; in relation to labour, XIV. 165; in Russia, XIV. 262; XXI. 82, 100; XXII. 143; abolition of, in Russia, XXI. 102.
- SERGARDI, Ludovico, Sienese satirist, XXII. 43.
- SERGEANT-AT-ARMS, in royal household, England, XXI. 37.
- SERGELL, Tobias, Swedish sculptor, XXI. 570.
- SERGHIEVSK, spa, Russia, XXI. 243.
- SERGHIEVSKIY POSAD, town, Russia, XXI. 675.
- SERGIUS, St, Syrian martyr, XXI. 676.
- I.-IV., popes, XXI. 676.
- , patriarch of Constantinople, XVI. 758.
- , Paulician teacher, XVIII. 434.
- , Russian monk, XXI. 676.
- of Rasain, Syriac writer, XXII. 833.
- SERICE, ancient name for China, V. 627.
- SERICIN, silk albumen, XXII. 61.
- SERICULTURE, art of rearing silkworms, XXII. 58.
- SERIEMA, bird, XXI. 676.
- SERIES, Mathematical, XXI. 677; XXIV. 71; in algebra, I. 561; in trigonometry, XXIII. 569; tables of, XXIII. 14.
- SERIGRAPH, indicator of grades of silk, XXII. 62.
- SERIN, bird, IX. 192.
- , faubourg of Lyons, France, XV. 110.
- SERINGAPATAM, town, India, XXI. 682; XVII. 124.
- SERINGHAM, town, India, XXII. 438.
- SERIOLA, genus of fishes, XXIV. 738.
- SERIPHUS, of Greek legend, XVIII. 560.
- SERJEANT-AT-LAW, XXI. 682; III. 394.
- SERJEANTS' INN, legal society, London, XIII. 87.
- SERJEANTY, Grand, tenure of land, XX. 305, 307.
- SERMON ON THE MOUNT, XIII. 664.
- SERNIN, St, French martyr, XXIII. 485.
- SEROUS MEMBRANES, Anatomy of, I. 848.
- SERPENT, SERPENTS, XXII. 189. See Snakes.
- , musical instrument, XVII. 778; XXIV. 788.
- , in Genesis, I. 135; VII. 136; in Gnosticism, X. 703; in Physiologus, XIX. 7. See also articles Mythology and Totemism.
- SERPENTARIUS, genus of birds, XXI. 617.
- SERPENTINE, mineral, XXI. 682; X. 228, 232; XV. 217; XVI. 414.
- SERPUKHOFF, town, Russia, XXI. 683.
- SERRA, Antonio, Italian economist, XIX. 357.
- SERRADO, Monte, Spain, XVI. 797.
- SERRANO, Francisco, Spanish minister, XXII. 346.
- SERRES, town, Turkey in Europe, XXI. 675.
- SERRICORNES, group of beetles, VI. 132.
- SERTORIUS, Quintus, Roman general and statesman, XXI. 684; XIX. 451; XX. 762; in Spain, XXII. 306.
- SERTULARIA, genus of Hydrozoa, XII. 547.
- SERUG (Seruj), town, Mesopotamia, XVI. 48.
- SERVAL, carnivorous mammal, XV. 435.
- SERVANT, Master and, Legal relations of, XV. 620; XIV. 165; in Roman law, XX. 688, 704.
- OF JEHOVAH, in Isaiah, XIII. 382.
- SERVETUS, Michael, or Miguel Serveto, Spanish physician and polemic, XXI. 684; on the circulation of the blood, I. 810; on the pulmonary circulation, XXIV. 95; his relations with Calvin, IV. 718.
- SERVIA, kingdom, Eastern Europe, XXI. 686; Greek Church of, XI. 157; language, XXII. 147, 150; newspapers, XVII. 432; periodical literature, XVIII. 544; under Czerny George, VI. 754.
- SERVIAN ALPHABET, I. 614.
- SERVIAN LANGUAGE, XXII. 147, 150; dictionaries of, VII. 188.
- SERVIAN LITERATURE, XXI. 689; XVIII. 544.
- SERVIAN WALL, at Rome, XX. 731, 734, 813.
- SERVICE, tree and fruit, XII. 276.
- SERVIODURUM (Straubing), Roman station, Germany, XXII. 591.
- SERVITES, monastic order, XXI. 692.
- SERVITUDE, in law, XIX. 560.
- SERVIUS, commentator on Virgil, XXI. 692; his place in Roman literature, XX. 726.
- TULLIUS, king of Rome, XXI. 692; XX. 734; his reforms in Roman law, XX. 676.
- SERVO-CROATS, race of Slav people, XXII. 145, 147.
- SERVOIS, his anticipation of quaternions, XX. 161.
- SESAME, plant, XXI. 693; oil from, XVII. 745.
- CAKE, XVII. 739.
- SEsia, river, Italy, XIII. 435.
- SESOSTRIS, legendary Egyptian king, XXI. 693; his armies, II. 559.
- SESSA, town, Italy, XXI. 693.
- SESSE, lake island, Africa, XVII. 504.
- SESSION, Court of, supreme court of law, Scotland, XXI. 535.
- SESSIONS OF THE PEACE, English law court, XX. 159.
- SESTERTIUS, Roman coin, XVII. 652.
- SETEE, king of Egypt, VII. 738.
- SETH, or Set, Egyptian divinity, VII. 715, 717.
- SETHEUM, temple, Egypt, VII. 779.
- SETHIANI, Gnostic sect, X. 703.
- SETTER, dog, VII. 328.
- SETTLE, Elkanah, English poet and playwright, XXI. 693.

- SETTLED LAND ACT (1882), England, XXI. 695.
- SETTLEMENT, in law, XXI. 693; its influence on agriculture, I. 409.
- , Act of, of English crown (1701), XXI. 696.
- OF THE POOR, XIX. 467, 478.
- SETTONS, Lac des, lake, France, XVII. 495.
- SÉTUBAL, town, Portugal, XXI. 697.
- SEU-CHOW (Su-Chow), town, China, XXII. 617.
- SEURUGA, fish, XXII. 612.
- SEVASTOPOL, or Sebastopol (*q.v.*), town, Crimea, Russia, XXI. 616.
- SEVELLAN, mountain, Persia, III. 168.
- SEVEN CAPES, North Africa, XVII. 627.
- SEVEN CHAMPIONS OF CHRISTENDOM, romance, XX. 659.
- SEVEN CHURCHES, Glendalough, Ireland, XXIV. 558.
- SEVEN CITIES, Island of, fabulous island, IV. 241.
- SEVEN DEADLY SINS, The, in mediæval ecclesiastical ethics, VIII. 592.
- SEVENOAKS, town, England, XXI. 697.
- SEVEN SEAS, lagoons, North-East Italy, XIII. 436.
- SEVEN SLEEPERS OF EPHEBUS, The, legend, XXI. 697.
- SEVENTH-DAY BAPTISTS, American sect, VII. 543.
- SEVEN WEEKS' WAR (1866), between Austria and Prussia, III. 140; X. 511.
- SEVEN YEARS' WAR (1756-63), III. 127; VIII. 356; IX. 588; X. 503; XX. 10; XXI. 355.
- SEVERN, river, England and Wales, XXI. 698; VIII. 216; XVI. 788; XXI. 847; tunnel under, XXIII. 623.
- , Joseph, English painter, XXI. 698.
- SEVERUS, of Alexandria, Greek romanticist, XX. 636.
- , Lucius Septimius, Roman emperor, XXI. 698; XX. 773; 776; in Britain, IV. 353; in Scotland, IV. 663; XXI. 472; in Mesopotamia, XVIII. 605; palace of, at Rome, XX. 824.
- , Marcus Aurelius Alexander, Roman emperor, XXI. 701.
- , Sulpicius, early Christian writer, XXI. 702.
- SEBOKHT, Syriac writer, XXII. 839.
- SEVERY, in architecture, II. 473.
- SÉVIGNÉ, Charles de, son of Madame de Sévigné, XXI. 704.
- , Marquise de, French writer, XXI. 703; IX. 660.
- SEVILLE, province, Spain, XXI. 707; XXII. 298.
- , town, Spain, XXI. 708; libraries, XIV. 549; sculptures, XXI. 567; university, XXIII. 839, 851; Murillo's connexion with, XVII. 56.
- ORANGES, XVII. 812.
- SEVO, Pizzo di, mountain, Italy, XIII. 437.
- SÈVRES, town, France, XXI. 710, 625; porcelain works at, XIX. 637.
- , Deux-, department, France, XXI. 710.
- SEVRI-HISSAR, town, Asiatic Turkey, XVIII. 691.
- SEWAGE, XXI. 711; ammonia of, XVII. 516; as manure, I. 344; irrigation of meadows with, I. 374.
- SEWAN, town, India, XXI. 304.
- SEWARD, William Henry, American statesman, XXI. 710.
- SEWEN, fish, XXI. 222.
- SEWER, SEWERS, Construction of, XXI. 713; for houses, IV. 467.
- SEWERAGE, XXI. 711; of London, XIV. 826; of Paris, XVIII. 280.
- SEWING MACHINES, XXI. 718; for shoe-making, XXI. 831.
- SEX, XXI. 720; XX. 407; in relation to natural selection, XXIV. 82; in relation to suicide, XXII. 631; sex totems, XXIII. 471; in animals, XX. 407; in plants, I. 619; IV. 81, 135; XX. 424. See also Sexes.
- SEXAGESIMAL NUMBERS, Tables of, XXIII. 9.
- SEXCENTENARY NUMBERS, Tables of, XXIII. 9.
- SEXES, Proportion of, in population, XIX. 514.
- SEXTANT, for measuring angles, XXI. 724; XVII. 268; invention of, X. 187; principle of, XIV. 586.
- SEXTIUS, L., Roman consul, XX. 738.
- SEXTUS EMPIRICUS, on scepticism, XXI. 381.
- SEXUAL REPRODUCTION, in animals, XX. 407; in plants, XX. 424. See Reproduction.
- SEYBOUSE, river, Algeria, I. 563.
- SEYCHELLES, archipelago, Indian Ocean, XXI. 725; XV. 642.
- SEYED MOHAMMED ALI, founder of Babism (*q.v.*), III. 180.
- SEYMOUR, Lord, of Sudeley, English admiral, II. 544; VII. 686; his love passages with the Princess Elizabeth, VIII. 142.
- , Edward, duke of Somerset, protector of England, XXII. 259.
- , Horatio, American politician, XXIII. 790.
- , Jane, wife of Henry VIII., VIII. 336; XI. 665.
- SEYNE, La, town, France, XXI. 726.
- SEYOOL (Seoul), town, Corea, VI. 391.
- SFAX, town, Tunis, XXI. 726.
- SFONDRATO, Niccolo (Pope Gregory XIV.), XI. 178.
- SFORNO, Obadiah, tutor of Reuchlin, XX. 489.
- SFORZA, House of, Milan, XIII. 479; XVI. 293.
- , Attendolo, Italian condottiere, VI. 256; XX. 805.
- SFORZA, Caterina, wife of Giovanni dei Medici, XV. 787.
- , Francesco, duke of Milan, XIII. 479; XVI. 293; monument of, XIV. 458.
- SGRAFFIATO WARE, pottery, XIX. 620, 624.
- SGRAFFITO, form of wall decoration, IV. 508; XVII. 37.
- 's GRAVENHAGE (The Hague, *q.v.*), town, Holland, XI. 371.
- SHABBY GENTEEL STORY, Thackeray's, XXIII. 214.
- SHABIN KARA-HISSAR, town, Asiatic Turkey, XIV. 2.
- SHAD, fish, XXI. 726; XII. 694; artificial propagation of, XIX. 128.
- SHADDOCK, tree and fruit, XXI. 727.
- SHADID, Phœnician deity, XVIII. 803.
- SHADOOF, irrigation apparatus, Egypt, VII. 707.
- SHADOWS, Optical theory of, XIV. 580; XXIV. 428; in perspective, XIX. 806.
- SHADRINSK, town, Russia, XVIII. 550.
- SHAD-SALMON, fish, XXI. 224.
- SHADWELL, Thomas, English playwright and versifier, XXI. 727; VII. 436.
- SHAFIITES, Moslem sect, XXII. 661; XVI. 593, 595.
- SHAFT, SHAFTS, in tunnelling, XXIII. 622; in coal-mines, VI. 62; sinking of in mines, XVI. 448.
- SHAFTESBURY, First Earl of, English statesman, XXI. 727; his relations with Locke, XIV. 752; his support of Monmouth, XVI. 755.
- , Third Earl of, English moralist, XXI. 731; VIII. 427; on beauty, I. 221; on deism, VII. 34; ethics of, VIII. 599.
- , Seventh Earl of, English philanthropist, XXI. 734.
- SHAG, bird, VI. 408.
- SHAGREEN, leather, XIV. 390; XXI. 779.
- SHAH, title of ruler of Persia, XVIII. 628.
- SHAHABAD, district, British India, XXI. 734.
- , town, Oudh, India, XVIII. 72.
- SHAHAT, district, North Africa, VI. 751.
- SHAHEBGUNGE, town, India, XXI. 297.
- SHAHID, Abul-Hasan, Persian poet, XVIII. 656.
- SHAHINSHAHNAMA, Persian book, XVIII. 657.
- SHAH JAHAN, Mogul emperor, XII. 795; XX. 111.
- SHAH JAHAN KUH, mountain, Persia, XIV. 66.
- SHAHJAHANPUR, district and town, India, XXI. 735.
- SHAHNAMA, or Shahnamah, Firdousi's epic, XVIII. 656; IX. 225.
- SHAHPUR, SHAPUR, or Sapor, kings of Persia, XVIII. 608; XVII. 514.

- SHAHPUR, district and town, India, XXI. 735.
- SHAHPURA, state, India, XX. 260.
- SHAHRASTANI, Persian juriconsult and theologian, XXI. 736.
- SHAHRAZAD, of the Arabian Nights' Entertainments, XXIII. 316.
- SHAHRBARAZ, Persian general, XVIII. 615.
- SHAIBANI, or Sheibani, ruler of Uzbek Tartars, XVI. 749; XVIII. 635.
- SHAIKHS, class of Mohammedans in India, XII. 746; XV. 185.
- SHAIRP, John Campbell, Scottish poetical critic, XXI. 736.
- SHAKERLY WITH TYLDESLEY, town, England, XXIII. 674.
- SHAKERS, religious sect, XXI. 736; VI. 216; similar communities in the early Irish Church, XIII. 248.
- SHAKESPEARE, Anne Hathaway, wife of the dramatist, XXI. 754, 766.
- , Edmund, brother of the dramatist, XXI. 755, 765.
- , Hamnet, only son of the dramatist, XXI. 755, 765.
- , John, the dramatist's father, XXI. 745.
- , Judith, daughter of the dramatist, XXI. 755, 765.
- , Mary Arden, the dramatist's mother, XXI. 747, 765.
- , Richard, the dramatist's grandfather, XXI. 744.
- , Susanna, daughter of the dramatist, XXI. 755, 756, 765.
- , William, English dramatist, XXI. 737; VII. 430; Madden on the spelling of the name, XV. 176; his position in English literature, VIII. 418; his connexion with Edward Alleyn, I. 584; his influence on Beaumont and Fletcher, III. 470; in favour with Queen Elizabeth, VIII. 142; his use of Geoffrey of Monmouth's legends, X. 173; his connexion with the Globe Theatre, London, XXIII. 224; his borrowing plots from Greene, XI. 164; his influence on German literature, X. 532; the London of, XIV. 848; in relation to the Renaissance, XX. 393; his sonnets, XXII. 262; the forgeries of Ireland, XIII. 272; epitaph on, by Milton, VIII. 495; monument of, at Stratford, XXII. 590; bibliography, XXI. 768; Boydell's illustrations of, IV. 182; French renderings by Ducis, VII. 505; Johnson's edition of, XIII. 725; Milton on, XVI. 326.
- SHAKHDARA, river, Central Asia, XVIII. 103.
- SHAKI-SHAKI, town, Zanzibar, Africa, XXIV. 768.
- SHAKUDO, Japanese amalgam-work, XIII. 591.
- SHAL, fish, XXII. 68.
- SHALE, mineral, XVI. 424; X. 238; bituminous, XVIII. 240; alum from, I. 646; naphtha from, XVII. 174.
- SHALLOT, vegetable, XII. 288.
- SHALMANESER I., king of Assyria, III. 186.
- II., of Assyria, III. 186; XIII. 406.
- IV., of Assyria, III. 187; XIII. 412.
- SHAMANISM, form of religion, XXI. 771; of Assyria, III. 192; of Pelew Islands, XVIII. 474; in Russia, XXI. 81; in Tibet, XXIII. 344.
- SHAMLI, town, India, XVII. 114.
- SHAMMAL, Jewish rabbi, XXI. 771.
- SHAMMAR, Arab tribe, Mesopotamia, XVI. 49.
- SHAMO, district, Central Asia, X. 713.
- SHAMOKIN, town, Pennsylvania, U.S.A., XXI. 771.
- SHAMOY (or CHAMOIS) LEATHER, XIV. 390.
- SHAMS, Sabæan goddess, XXIV. 741.
- SHAMS-UDDIN, Persian teacher, XXI. 59.
- , Muhammed (Hafiz), Persian poet, XI. 367; XVIII. 659.
- SHAN-A-LIN, mountains, Manchuria, XV. 465.
- SHANG DYNASTY, of China, V. 643.
- SHANGHAI, town, China, XXI. 771; V. 635; temple of Confucius at, II. 448.
- SHANKLIN, town, Isle of Wight, England, XXIV. 562.
- SHAN LANGUAGE, Asia, XXI. 774.
- SHANNON, river, Ireland, XIII. 216.
- SHANS, people of Burmah and Siam, XXI. 773, 854; IV. 553.
- SHAN-SE, province, China, V. 634.
- SHAN STATES, Burmah, XXI. 773.
- SHANTOW (Swatow), town, China, XXII. 733.
- SHAN-TUNG, province, China, V. 633.
- SHAP, town, England, XXIV. 516.
- SHAPING MACHINES, machine tools, XV. 156.
- SHAPINSHAY, island, Orkney, Scotland, XVII. 846.
- SHAPUR I., king of Persia, XVIII. 608; XVII. 514.
- II., of Persia, XVIII. 609; XVII. 514.
- III., of Persia, XVIII. 610.
- , Shemuel, Talmudic writer, XXIII. 35.
- SHARI, valley, Soudan, XXII. 277.
- SHARJAH, district, Arabia, II. 254.
- SHARK, fish, XXI. 774; basking, XXI. 608; Beaumaris, XIX. 518; classification of the group, XII. 685.
- OIL, XVII. 747.
- SHARKS BAY, Western Australia, XXIV. 507.
- SHARON, town, Pennsylvania, U.S.A., XXI. 779.
- SPRINGS, spa, New York, U.S.A., XVI. 436.
- SHARP, Abraham, English logarithmist, XIV. 779.
- SHARP, James, archbishop of St Andrews, Scotland, XXI. 779, 515; XIX. 683.
- , William, English line-engraver, XXI. 780.
- SHARPE, Mrs., on archery, II. 377.
- , Richard B., on birds, XVIII. 12.
- SHARPSBURGH, U.S.A., Battle of (1862), XXIII. 777.
- SHASTA, Mount, Sierra Nevada, U.S.A., XXIII. 800.
- SHATRANJ, Oriental game, V. 598.
- SHATSK, town, Russia, XXIII. 41.
- SHAWENEGAN, waterfall, Canada, XX. 165.
- SHAWL, article of dress, XXI. 781; Cashmere, XIV. 12; Persian, XVIII. 626; of Kirman, XIV. 100.
- SHAWM, musical instrument, XVII. 707.
- SHAWMUT, peninsula, Massachusetts, U.S.A., IV. 72.
- SHAWNEES, American-Indian tribe, XII. 832.
- SHEA BUTTER, vegetable fat, XVII. 744, 747.
- SHEADINGS, districts, Isle of Man, XV. 452.
- SHEAR, SHEARING, in mechanics, XV. 694; XIX. 797; in bridges, IV. 286; shearing stress, XXII. 594.
- SHEARING, of sheep, I. 396.
- MACHINE, for iron plates, XV. 157.
- SHEARS, cutting tool, XI. 439; in iron manufacture, XIII. 330; XV. 157.
- , in seamanship, XXI. 593, 604.
- SHEARWATER, bird, XXI. 781; XX. 102; XXII. 120.
- SHEATHBILL, bird, XXI. 782.
- SHEATH-FISH, XXII. 68.
- SHEAVES, in mechanics, XV. 763.
- SHEBA, of Scripture, XXIV. 738.
- SHEBBEARE, Dr John, his trial for libel, IV. 735.
- SHEBOYGAN, town, Wisconsin, U.S.A., XXI. 782; population, XXIV. 617.
- SHECHEM, town, Palestine, XXI. 783, 243.
- SHEE, Sir Martin Archer, Irish painter, XXI. 783.
- SHEELIN, Lough, Ireland, XXIV. 512.
- SHEEMOGA, town, India, XXI. 803.
- SHEEP, XXI. 784; XV. 432; management of, I. 391; IV. 250; diseases of, XXIV. 204, 205; liver-rot, XXIII. 539; pox, XXIV. 204; milk of, XVI. 303; shearing of, I. 396; skins of, for tanning, XIV. 380, 388; wool, XXIV. 654; Dorset breed, VII. 371; Herdwick's, VI. 698; South Downs, XXII. 725; merino, of Spain, XXII. 300; wild, of India, XII. 742; wild, of Turkestan, XXIII. 635.
- SHEEP-DOGS, VII. 326.
- SHEEPSHEAD, fish, XXI. 785.
- SHEEP'S OIL, XVII. 744.
- SHEERNESS, town, England, XXI. 785; dockyard, VII. 312, 318.

- SHEFFIELD, town, England, XXI. 785.
 —, John, duke of Buckinghamshire, IV. 419.
- SHEIKH-AL-JEBAL (Old Man of the Mountains), chief of the Assassins, II. 723.
- SHEIKHIS, Mohammedan sect, XXII. 665.
- SHEIKU 'L-ISLAM, head of the ulema, or Moslem clergy, XXII. 661, 664; XXIII. 654.
- SHEIL, Richard Lalor, Irish politician, XXI. 787.
- SHEKEL, ancient coin and weight, XXI. 788; XVII. 650; XXIV. 486.
- SHEKSNA, river, Russia, XXI. 116; XXIV. 279.
- SHELBURNE, Earl of, English statesman, VIII. 358; XIV. 289; his relations with Pitt, XIX. 138.
- SHELD-DRAKE, bird, XXI. 788.
- SHELDONIAN COMPACT (1664), in English history, VI. 327.
- SHELDONIAN THEATRE, Oxford, XVIII. 95.
- SHELDRAKE, bird, XXI. 788.
- SHELL, of birds' eggs, III. 774.
 —, projectile, XI. 304; for rifled guns, I. 744.
- SHELLEY, Mary Wollstonecraft, English woman of letters, XXI. 789; X. 717.
 —, Percy Bysshe, English poet, XXI. 789; as dramatist, VII. 439; his place in English literature, VIII. 433; his place as poet, XIX. 268.
- SHELLIF, river, Algeria, I. 563.
- SHELL LAC, resin, XIV. 182.
- SHELLS, of brachiopods, IV. 189; of molluscs, XVI. 635.
- SHELOMOH IBN GEBIROL (Avicbron), Jewish philosopher, III. 152; II. 268; VIII. 758; XXI. 426.
- SHEM, of Scripture, XVII. 511, 523; XXI. 641.
 —, Israel Baal, or Besht, founder of modern Jewish sect, XIII. 681.
- SHEMAHA, or Shemakha, town, Transcaucasia, Russia, XXI. 794; XXIII. 515.
- SHEMARVAH, rabbi, Talmudist, XXIII. 39.
- SHEMUEL, Talmudic writer, XXIII. 35.
- SHENANDOAH, town, Pennsylvania, U.S.A., XXI. 794.
 — VALLEY, U.S.A., Campaigns of, XXIII. 777, 779.
- SHENDAMANGALAM, town, India, XXI. 210.
- SHENDY, town, Soudan, Africa, XXI. 794.
- SHENE, or Richmond, England, Monastery of, I. 21.
- SHEN-SE, province, China, V. 637.
- SHENSHAIS, Parsee sect, India, XVIII. 326.
- SHENSTONE, William, English poet, XXI. 794; his place in English literature, VIII. 429.
- SHEOL, in eschatology, VIII. 536; XX. 114.
- SHEPHERD KINGS, of Egypt, VII. 735.
- SHEPHERD OF HERMAS, early Christian writing, II. 180, 197; X. 815.
- SHEPHERD'S CALENDAR, Spenser's poem, XVIII. 345; XXII. 393.
- SHEPHERD'S WEEK, Gay's pastoral, XVIII. 347.
- SHEPPEY, Isle of, Kent, England, XIV. 37.
- SHEPTON MALLET, town, England, XXI. 795.
- SHEPWAY, Cinque Port, England, Parliament of, V. 787.
- SHER ALI KHAN, ruler of Afghanistan, I. 240, 241.
- SHERBORNE, town, England, XXI. 795; abbey church at, VII. 372; manor of, XX. 263.
- SHERBRO (Sherboro), island, Sierra Leone, West Africa, XXII. 44.
- SHERBROOKE, town, Canada, XX. 167.
- SHERE, or Remedy, in coining, XVI. 482.
- SHEREEF (Sherif), Mohammedan officer, XV. 672.
- SHERIBON (Cheribon), town, Java, V. 585.
- SHERIDAN, Caroline Elizabeth (Mrs Norton), XVII. 574.
 —, Frances, novelist and dramatist, XXI. 796.
 —, Philip Henry, American general, XXIII. 780.
 —, Richard Brinsley Butler, Irish dramatist and politician, XXI. 797; VII. 438; his place in English literature, VIII. 429, 431.
 —, Thomas (1684-1738), Irish schoolmaster and writer, XXI. 795.
 —, Thomas (1721-1788), Irish actor and elocutionist, XXI. 796.
- SHERIF, Mohammedan officer, XV. 672.
- SHERIFF, law officer, XXI. 800; VI. 513.
 —, Laurence, founder of Rugby School, England, XXI. 55.
- SHERIFF-CLERK, Scottish law officer, XXI. 801.
- SHERIFF-DEPUTE, Scottish law officer, XXI. 801.
- SHERIFFDOMS, Scottish, XXI. 483, 488, 535.
- SHERIFFMUIR, Scotland, Battle of (1715), VII. 533; XXI. 526.
- SHERIFF-SUBSTITUTE, Scottish law officer, XXI. 801.
- SHERLOCK, Thomas, bishop of London, XXI. 801.
 —, William, dean of St Paul's, XXI. 802.
- SHERMAN, town, Texas, U.S.A., XXI. 802.
 —, Roger, American politician, XXIII. 748.
 —, William Tecumseh, American general, XXIII. 779.
- SHERRY WINE, XXIV. 607; XIII. 629; adulteration of, I. 173.
- 'S HERTOGENBOSCH (Bois-le-Duc), town, Holland, III. 864.
- SHERWIN, John Keyse, English engraver and painter, XXI. 802.
- SHERWOOD FOREST, England, XVII. 599.
- SHESHBAZZAR, Persian governor of Jerusalem, XI. 371.
- SHESHKEEFF, town, Russia, XVIII. 515.
- SHESHONK (Shishak), king of Egypt, VII. 742.
- SHETLAND, islands, Scotland, XVII. 845.
 — CATTLE, I. 389.
- SHEVAGUNGA (Sivaganga), town, India, XV. 192.
- SHEVCHENKO, Taras, Russian poet, XXI. 110.
- SHEYKHI, of Kerniyan, Ottoman poet, XXIII. 656.
- SHIAHS, Moslem sect, XI. 509. See Shiites.
- SHIAN, shah of Persia, XVIII. 636.
- SHIBRGHAN (Sapurgan), province, Afghanistan, I. 243.
- SHIELD, Ancient forms of, II. 554.
 —, in heraldry, XI. 685, 694.
 —, William, English musical composer, XXI. 802.
 — OF SCIPIO, ancient plate, XIX. 181.
- SHIELDS, North, town, England, XXIII. 675.
 —, South, town, England, XXI. 802.
- SHIFTING PIECES, in mechanics, XV. 755.
- SHIGATZE, town, Tibet, XXIII. 340.
- SHIGHNAN, state, Central Asia, XVIII. 104.
- SHIITES, Moslem sect, XXII. 663; XVI. 564, 568, 592; II. 722; XI. 509.
- SHIKARPUR, district and town, India, XXI. 803.
- SHI KING, Chinese poems, VI. 263.
- SHIKOKU, island, Japan, XIII. 569.
- SHILKA, river, Siberia, I. 746; XXIII. 510.
- SHILOH, town, Palestine, XXI. 803.
- SHIMIYN, river, Africa, XVII. 505.
- SHIMOGA, district, India, XXI. 803; town, XXI. 803; XVII. 123.
- SHIN, Loch, Scotland, XXII. 726.
- SHINA LANGUAGE, on upper Indus, X. 598.
- SHINANOGAWA, river, Japan, XIII. 572.
- SHINASI EFENDI, Ottoman writer, XXIII. 657.
- SHIN BONE, Anatomy of the, I. 829.
- SHING CHOW (Nanking), ancient town, China, XVII. 172.
- SHING-KING, province, China, V. 641.
- SHINGLE, in architecture, II. 473.
 — MILLS, XXI. 346.
- SHINGLES, skin disease, XXII. 123.

- SHING-YANG (Moukden), town, Manchuria, xv. 466.
- SHINTO, Japanese religion, xiii. 581; xx. 363.
- SHIP, Ancient and mediæval, xxi. 804; Phœnician, xviii. 804.
- , SHIPS, Modern, xxi. 809, 589; chains and anchors for, ii. 4; derelict, xxiv. 686; log for ascertaining speed of, xiv. 769; xvii. 264; management of, xxi. 589; quarantine of, xx. 153; registration of, xx. 343; resistance of water to, xii. 518; sails, xxi. 153; salvage, xxi. 237; steam-engines for, xxii. 517; unseaworthy, in law, xxi. 606; whaling vessels, xxiv. 526; wreck of, in law, xxiv. 686; yachts, xxiv. 723.
- SHIPBUILDING, xxi. 809.
- SHIP CANALS, iv. 787.
- SHIP HARBOUR, lake, Nova Scotia, xvii. 601.
- SHIPLEY, town, England, xxi. 826.
- , William Davies, Erskine's defence of, viii. 530.
- SHIP-MONEY, tax, ix. 177; Hampden's resistance to, viii. 346.
- SHIP OF FOOL'S, Barclay's satire, iii. 368.
- SHIP OF FOOLS, Brandt's satirical poem, iv. 215; x. 527.
- SHIPPEN, William, American surgeon, xxii. 677.
- SHIPPING, British, xxi. 826; European, viii. 707; of United States, xxiii. 826; Lloyd's list of, xiv. 741.
- SHIP-WORM, or Tereido, xxiii. 184.
- SHIPWRECK, Life-saving apparatus for, xiv. 570; law relating to, xxiv. 686.
- , The, poem by Falconer, ix. 4.
- SHIRABAD, town, Central Asia, xii. 3.
- SHIRAZ, town, Persia, xxi. 829; xviii. 627, 628.
- SHIRE, or County, English administrative division, viii. 273.
- SHIRÉ, river, East Central Africa, xxiv. 765.
- SHIRKIST, manna, xv. 493.
- SHIRLEY, town, England, xxi. 829.
- , Charlotte Brontë's novel, iv. 365.
- , Sir Anthony, English envoy to Persia, xviii. 638.
- , James, English dramatist, xxi. 829; vii. 432; as pupil of Beaumont and Fletcher, iii. 474.
- , Robert, English envoy to Persia, xviii. 638.
- , William, colonial administrator, Massachusetts, U.S.A., xv. 616.
- SHIRVAN, khanate, Transcaucasia, xxi. 794.
- SHIRWA, Lake, Africa, i. 256.
- SHISHAK, king of Egypt, vii. 742.
- SHISHAM, tree, xviii. 71.
- SHITTAH, tree, i. 68.
- SHIVA-KUL, lake, Central Asia, xviii. 104.
- SHOA, district, Abyssinia, i. 64.
- SHOADING, in mines, xvi. 442.
- SHOCK, or Collapse, physical condition, xxii. 680.
- SHOCKS, Effects of, on magnetization, xv. 268.
- SHODDY, variety of cloth, i. 176; xxiv. 661; factories, in England, viii. 233.
- SHODER, Goldbeater's, x. 753.
- SHOE-BILL, bird, xxii. 578.
- SHOEBURYNESSE, England, School of gunnery at, ii. 586.
- SHOEMAKER'S HOLIDAY, Dekker's play, vii. 37.
- SHOEMAKING, xxi. 830.
- SHOEN (Schongauer), Martin, German painter and engraver, xxi. 432; viii. 441.
- SHOES, Snow, xxii. 201.
- , Horse, xxi. 831; xii. 195.
- SHOGUN, Japanese ruler, xiii. 582.
- SHOLAPUR, district and town, India, xxi. 832.
- SHOMER, Mountains of, Arabia, ii. 239.
- SHOOI (Skua), bird, xxii. 125.
- SHOOTING, for sporting purposes, xxi. 832; gun-sights for, xxii. 46.
- SHORE, Jane, mistress of Edward IV., xxi. 835.
- , John, inventor of tuning-fork, xxiii. 619.
- SHORT, James, telescope-maker, xxiii. 137.
- SHORTEST WAY WITH DISSENTERS, Defoe's work, vii. 27.
- SHORTHAND, xxi. 836; for the blind, iii. 828; in ancient MSS., xviii. 164.
- SHORTHORN CATTLE, i. 388.
- SHORTREDE, Robert, Scottish logarithmist, xiv. 776; his tables, xxiii. 11.
- SHORT-SIGHT, viii. 820; xvi. 259; xvii. 785; spectacles for, xxii. 372.
- SHOSHONE, Lake, Yellowstone Park, U.S.A., xxiv. 737.
- FALLS, Snake River, U.S.A., xxiii. 798.
- SHOSHONES, American Indians, xii. 827, 832.
- SHOSHONG, town, Bechuanaland, South Africa, xxi. 842.
- SHOT, military projectiles, i. 745; xi. 294, 304; sporting, xi. 280; xxi. 835.
- SHOTOVER HILL, Oxford, England, xviii. 93.
- SHOULDER-BLADE, Anatomy of the, i. 826.
- SHOULDER-GIRDLE, of mammals, xv. 358.
- SHOULDER-JOINT, Anatomy of the, i. 838.
- SHOVEL, Sir Cloudesley, English admiral, xxi. 842.
- SHOVELER, bird, xxi. 842.
- SHOWBREAD, Hebrew, xxi. 133.
- SHRAPNEL SHELL, in gunnery, i. 744; xi. 304.
- SHREVEPORT, town, Louisiana, U.S.A., xxi. 843.
- SHREW, insectivorous mammal, xxi. 843; xv. 403.
- SHREWSBURY, town, England, xxi. 845; battle of (1403), xi. 660; xviii. 523.
- , Earls and Duke of, xxiii. 25.
- SHRIKE, bird, xxi. 845.
- SHRIMP, crustacean, xxi. 846; fisheries, x. 265.
- , Opossum, crustacean, vi. 658.
- SHRINE, in architecture, ii. 473.
- SHROPSHIRE, county, England, xxi. 847.
- SHEEP, i. 392.
- SHROVE TUESDAY, xxi. 648.
- SHRUBS, Garden, xii. 260; culture of, ii. 319.
- SHU, Egyptian divinity, vii. 716.
- SHUBENACADIE, river, Nova Scotia, xvii. 601.
- SHUI, town, Lew-Chew Islands, North Pacific, xiv. 490.
- SHUISKI, Basil, Russian revolutionist, xxi. 95.
- SHUJA, shah of Afghanistan, xx. 111; assassination of, i. 240.
- SHULUH, race of people, Africa, i. 261.
- SHUMADIA, district, Servia, xxi. 687.
- SHUMLA, town, Bulgaria, xxi. 648.
- SHUMSHU, island, Kuriles, Asia, xiv. 160.
- SHUN-CHE, emperor of China, v. 650.
- SHUSH, or Shushan (Susa), ancient town, Persia, xxii. 722; xxi. 849; ii. 400.
- SHUSHA, town, Caucasus, Russia, xxi. 648.
- SHUSHAN (Susa), ancient town, Persia, xxii. 722; xxi. 849; ii. 400.
- SHUSTAR, town, Persia, xxi. 849.
- SHUTE, John, Viscount Barrington, iii. 393.
- SHUTTLE, for weaving, xxiv. 464; early Greek, xxiii. 206.
- SHUWAS, people, Bornu, Central Africa, iv. 61.
- SHUYA, town, Russia, xxi. 849.
- SHWEDOUNG, town, Burmah, xix. 807.
- SHWE-GYENG, district and town, Burmah, xxi. 849.
- SIAM-POSH, tribes, Kafirstan, Asia, xiii. 821.
- SIAM, residency, Sumatra, xxii. 639.
- SIALIDÆ, group of insects, xiii. 151.
- SIALKOT, district and town, India, xxi. 850.
- SIAM, kingdom, Eastern Asia, xxi. 850; forests of, ix. 405; Pali language in, xviii. 183; Shan language of, xxi. 774; weights and measures, xxiv. 490.
- SIAMANG, ape, ii. 150.
- SIAMESE LANGUAGE, xxi. 855.
- LITERATURE, xxi. 855.
- TWINS, xvi. 765.
- SIANTI (Ashantee, *q.v.*), country, West Africa, ii. 681.

- SIBBALD, Sir Robert, Scottish scientist, XXII. 1.
- SIBENIK, town, Dalmatia, Austria, XXI. 616.
- SIBERIA, region, Asia, XXII. 1; II. 687; acquisition of, by Russia, XXI. 93; Russian explorations in, X. 191; Friar William's travels in, XXI. 47; birds of, III. 756; forests, IX. 405; penal institutions, XIX. 762; Tartar population, XXIII. 70.
- SIBERIAN BOIL-PLAGUE, cattle disease, XVII. 58.
- SIBILLA, Monte della, mountain, Italy, 437.
- SIBOGA, town, Sumatra, XXII. 639.
- SIBSAGAR, district and town, India, XXII. 13.
- SIBSIB, ground squirrel, Morocco, XVI. 833.
- SIBUYAN, island, Philippines, XVIII. 752.
- SIBYL, of Greek and Roman legend, XXII. 13.
- SIBYLLINE BOOKS, of ancient Rome, XXII. 13.
- SIBYLLINE ORACLES, Greek poems, XI. 144.
- SIBYLLINES, The, apocalyptic books, II. 177, 179.
- SICCA VENERIA (Keff), ancient town, Tunis, XIV. 27.
- SICELS, people, South Italy and Sicily, XXII. 15.
- SICILIAN OIL, XVIII. 713.
- SICILIAN VESPERS, massacre of French in Sicily (1282), V. 423; XX. 798; XXII. 27.
- SICILIES, Two, Kingdom of the, XIII. 478; XVII. 191; conquest of, by the Normans, XIII. 470; XVII. 191.
- SICILY, island, Mediterranean, XXII. 14; XIII. 440; XV. 820; part of kingdom of the Two Sicilies, XIII. 471; XVII. 191; under the Athenians, XI. 104; invaded by the Carthaginians, V. 161; historical connexion of Malta with, XV. 342; its connexion with Naples, XVII. 191; Norman settlement in, XIII. 470; XVII. 548; its connexion with Phœnicia, XVIII. 806; conquest of, by Rome, XX. 747, 750; Spanish connexion, XXII. 322, 324, 327; ancient, coins of, XVII. 638; modern, coins of, XVII. 657; dialect of, XIII. 494; plague in, XIX. 166; sulphur mines, XXII. 634; wine industry, XXIV. 610.
- SICK HEADACHE, XVII. 364.
- SICKINGEN, Franz von, German baron, XXII. 31; XV. 78.
- SICKLE, reaping implement, XXI. 574.
- SICKNESS, Diet in, VII. 205.
- SICULI, people, South Italy and Sicily, XXII. 15.
- SICULUS, Diodorus, Greek historian, VII. 245.
- SICYON, town, Achaia, Greece, XXII. 31; school of sculpture at, II. 349.
- SIDDHARTHA GAUTAMA (Buddha, *q.v.*), III. 375; IV. 426.
- SIDDHI KÜR, Calmuck collection of stories, IV. 710.
- SIDDIM, Vale of, Palestine, VII. 2.
- SIDDONS, Sarah, English actress, XXII. 32; XIV. 31.
- SIDE, town, Asia Minor, XVIII. 207.
- SIDEREAL MONTH, II. 774.
- SIDEREAL TIME, II. 765; XXIII. 392.
- SIDERITE, mineral, X. 228; XVI. 397.
- SIDEROSCHISOLITE, mineral, XVI. 414.
- SIDEROSILICITE, mineral, XVI. 425.
- SIDEROSTATIC TELESCOPE, XXIII. 152.
- SIDE-WALKS, of streets, XX. 588.
- SIDGWICK, Henry, on political economy, XIX. 399.
- SIDI-BEL-ABBÈS, town, Algeria, XXII. 33.
- SIDI IBN ISA, Shrine of, Kairwan, Tunis, XIII. 824.
- SIDI MOHAMMED BEN ALI ES-SENUSI, leader of Mohammedan fraternity in Sahara, XXI. 151; XXIII. 575.
- SIDLAW, hills, Scotland, XVIII. 666.
- SIDMOUTH, Viscount, English statesman, I. 145; VIII. 363.
- SIDNACESTER (Newark), Saxon town, England, XVII. 370.
- SIDNEY, town, Cape Breton, XVII. 603.
- , Algernon, English statesman, XXII. 33.
- , Sir Henry, viceroy of Ireland, XIII. 264; XXII. 35.
- , Sir Philip, English statesman and writer, XXII. 35; VIII. 417, 421; as pastoral poet, XVIII. 346; his relations with Spenser, XXII. 393; his death in Holland, XII. 77.
- SUSSEX COLLEGE, Cambridge, IV. 731.
- SIDON, town, Phœnicia, XXII. 35; XVIII. 804, 808; capture of, by Artaxerxes III., XVIII. 580; coins of, XVII. 650.
- SIDONIAN INSCRIPTIONS, XIII. 116.
- SIDONIUS, C. Sollius Apollinaris, Christian writer and bishop, II. 184.
- SIDRA (Hydra), island, Greece, XII. 430.
- , Bay of, Tripoli, North Africa, XXIII. 575.
- RABBA, book of the Mandæans, XV. 468.
- SIDYMA, town, Asia Minor, XV. 94.
- SIEBENBÜRGEN, or Transylvania (*q.v.*), Austria-Hungary, XXIII. 521.
- SIEBOLD, Carl Theodor Ernst von, German physiologist and zoologist, XXII. 36.
- , Philipp Franz von, German explorer of Japan, XXII. 36.
- SIÈCLE, Le, Paris newspaper, XVII. 426.
- SIEDLCE, government, Russian Poland, XXII. 36; town, XXII. 37.
- SIEG, river, Rhenish Prussia, XX. 20, 519.
- SIEGE, Operations in a, IX. 455; artillery for, II. 663; XI. 314.
- SIEGEN, town, Prussia, XXII. 37.
- , Ludwig, inventor of mezzotint engraving, VIII. 445.
- SIEGENITE, mineral, XVI. 391.
- SIEGE OF RHODES, English opera, XVII. 88.
- SIEGFRED, English missionary in Sweden, XXII. 745.
- SIEGFRIED, hero of the Nibelungenlied, XVII. 475; X. 522, 524; XX. 657.
- SIEMENS, Ernst Werner, inventor of electric railway, XXIII. 495; his electrical experiments, VIII. 37.
- , Sir William, inventor and natural philosopher, XXII. 37; his gas-engine, XXII. 526; his gas-producer, IX. 845; XXII. 182; his differential governor, XXII. 508; his heat-regenerator, IX. 846; on iron and steel, XIII. 282.
- SIEMENS-MARTIN PROCESS, of steel-making, XIII. 347.
- SIEMENS PRECIPITATION PROCESS, of steel-making, XIII. 337.
- SIENA, town, Italy, XXII. 38; cathedral pavement, III. 476; cathedral pulpit, XIX. 124; majolica ware, XIX. 628; school of painting, XXI. 433, 442; pictures in, XXI. 446; university, XXIII. 837.
- , St Catherine of, V. 229.
- SIERADZ, town, Russian Poland, XXII. 44.
- SIERPCE, town, Poland, XIX. 227.
- SIERRA, envelope of the sun, II. 788.
- LEONE, West Coast, Africa, XXII. 44; I. 269.
- NEVADA, mountains, United States, IV. 697, 700; XVII. 367; XXIII. 799.
- SIERRAS, mountain chains, Spain, XXII. 294.
- SIETE PARTIDAS, Spanish code of laws, XXII. 318, 354.
- SIEYÈS, Emmanuel Joseph, French politician, XXII. 45; IX. 612; his relations with Napoleon, XVII. 202.
- SIFAN, nomad tribes of Tibet, XXIII. 344.
- SIFATITES, Moslem sect, XVI. 592.
- SIGALON, Xavier, French painter, XXII. 46.
- SIGHING, abnormal form of respiration, XX. 479.
- SIGHT, Organ and sense of, VIII. 816; I. 885; defective, XVII. 784; loss of, III. 826; short and long, VIII. 820; XVII. 785; organs of, in Amphibia, I. 768; in birds, III. 725; in Crustacea, VI. 637; in fishes, XII. 652; in mammals, XV. 367; in reptiles, XX. 461; III. 725.
- SIGHTS, Gun, XXII. 46.
- SIGISMUND, emperor, XXII. 48; XII. 368; X. 495.
- , duke of Hapsburg, XXII. 786.
- I., king of Poland, XIX. 290.
- II., of Poland, XIX. 291.

- SIGISMUND III., of Poland, XIX. 294.
 —, king of Sweden, XXII. 748.
 SIGLUS, ancient Persian coin, XVII. 659.
 SIGMARINGEN, town, Prussia, XXII. 48.
 —, Hohenzollern-, German princely house, XII. 52.
 SIGMODON, genus of rodent mammals, XVII. 6.
 SIGNAKH, town, Transcaucasia, Russia, XXIII. 514.
 SIGNALLING, XXIII. 112; heliographic, XI. 632.
 SIGNALS, as used in navy, XXII. 49; XVII. 277; flag, IX. 279; railway, XX. 238; in surveying, XXII. 698; time determined by, XXIII. 395.
 SIGNATURES, Book, XXIII. 700; quire marks, XVIII. 144.
 SIGNET, Writers to the, legal society, Scotland, XXI. 535; XXII. 251.
 — LIBRARY, Edinburgh, XIV. 522.
 — RINGS, XX. 560.
 SIGNORELLI, Luca, Italian painter, XXII. 50; XXI. 434, 442.
 SIGNS OF THE ZODIAC, XXIV. 791.
 SIGOURNEY, Lydia Huntley, American poetess, I. 731.
 SIGTUNA, ancient town, Sweden, XXII. 558.
 SIGURD, mythical hero, in Nibelungenlied, XVII. 474; XX. 657.
 —, the Stout, earl of Orkney and Caithness, XIII. 254; XVII. 848.
 —, son of Hakon, Norse earl, XVII. 585.
 — JORSALAFARI, Norwegian king, XVII. 588, 848.
 SI-HAMED, Algerine chief, I. 569.
 SIHANAKA, tribe, Madagascar, XV. 171.
 SIHUN (Syr-Daria, *q.v.*), river, Asia, XXII. 818.
 —, river, Asia Minor, II. 708; V. 777.
 SIKANDAR, ruler of Kashmir, XIV. 13.
 SIKANS, or Sicani, people, South Italy and Sicily, XXII. 15.
 SIKELS, or Siculi, people, South Italy and Sicily, XXII. 15.
 SIKES'S HYDROMETER, XII. 540.
 SIKHOTA-ALIN, mountains, Eastern Siberia, XV. 548.
 SIKHS, people of India, XI. 844; XII. 746, 808; XX. 110.
 SIKH WAR (1846), XIV. 371.
 SIKKIM, or Sikim, state, India, XXII. 51; XI. 822; birds of, III. 761.
 SIKUHA, town, Persia, XVIII. 627.
 SILALAH, lake, Sumatra, XXII. 638.
 SILBERMANN, family of organ-builders, XVII. 837.
 —, Gottfried, his improvements on the pianoforte, XIX. 71.
 SILBURY HILL, artificial mound, Wilts, England, III. 144.
 SILENUS, in Greek mythology, XXII. 51.
 SILESIA, district, Germany, XXII. 51.
 SILESIA WARS, III. 127; IX. 585, 736; X. 503; XX. 10.
 SILIAN LAW, Roman, XX. 681.
 SILICA, oxide of silicon, XXII. 53; V. 522.
 SILICATES, in chemistry, XXII. 53; XVI. 61.
 SILICEOUS SPRINGS, X. 271.
 SILICISPONGIÆ, class of sponges, XXII. 421.
 SILICON, chemical element, V. 521; its presence in steel, XIII. 283; as fuel, IX. 809; as plant food, XIX. 49.
 SILICONEISEN, metal, XIII. 351.
 SILICON-MANGANEISEN, metal, XIII. 352.
 SILICO-SKELETA, subclass of Protozoa, XIX. 849.
 SILIQUA, form of fruit, IV. 152.
 SILISTRIA, town, Bulgaria, XXII. 54.
 SILIUS ITALICUS, Latin epic poet, XXII. 54; his place in Roman literature, XX. 726.
 SILK, XXII. 56; ancient fabrics of, XXIII. 208; bleaching of, III. 822; fibre of, IX. 133; aianthus, XIV. 216; Chinese, V. 638, 639, 640; manufactures, England, VIII. 232; production in France, IX. 520; XXI. 332; weaving of, in India, XII. 761; Indian, XII. 751; culture and manufacture, in Italy, XIII. 442, 453; XVI. 292; from spiders, II. 295.
 — HATS, XI. 519.
 SILK-TAIL, bird, XXIV. 460.
 SILKWORM, IV. 596; XXII. 57; moth of, XIII. 151.
 SILL, in architecture, II. 473.
 SILLA, Pico de la, mountain, Venezuela, XXIV. 139.
 SILLEDA, town, Spain, XIX. 455.
 SILLERY, Marquis of, husband of Madame de Genlis, X. 153.
 SILLIMAN, Benjamin (1779-1864), American chemist and geologist, XXII. 66.
 —, Benjamin (1816-1885), American chemist and physicist, XXII. 66.
 SILLIMANITE, mineral, XVI. 408.
 SILLUSTANI, Peru, Stone circles at, II. 451.
 SILO, pit for ensilage, XXII. 67.
 SILOAM, Pool of, Jerusalem, XIII. 638.
 SILOW, his experiments in magnetism, XV. 268.
 SILSILIS, hills, Egypt, VII. 783.
 SILURES, ancient British people, XVI. 754.
 SILURIAN ROCKS, in geology, X. 331; XVII. 51.
 SILURIDÆ, family of fishes, XXII. 67.
 SILVA, Feliciano de, Spanish romancist, XX. 655.
 —, Jean Baptiste, French physician, XX. 176.
 —, Ruy Gomez de, Spanish minister, XVIII. 744.
 SILVÆ, Statius's poems, XXII. 467.
 SILVANECTES (Senlis), Roman station, France, XXI. 664.
 SILVANUS, Italian divinity, XXII. 69.
 SILVER, metal, XXII. 69; XVI. 382; as chemical element, V. 529; cyanide of, XX. 23; adulteration of, I. 176; assay of, II. 727; extraction of, from alloy with lead, XIV. 376; mines in Austria, III. 120; in Bolivia, IV. 13; in Chili, V. 622; of Laureium, Greece, III. 59; in Mexico, XVI. 216; XXIV. 761; in New South Wales, XVII. 409; of Nerchinsk, Siberia, XVII. 352; in United States, XXIII. 814; in Colorado, U.S.A., VI. 161; in Nevada, U.S.A., XVII. 368; ores, XVI. 58; dressing of ores, XVI. 465; production, IV. 518; XVI. 467, 728; production in England, VIII. 229; in Peru, XVIII. 675; spectrum of, XXII. 376; wire, XXIV. 615.
 — COINAGE, XVI. 482, 723; XXII. 71; in relation to exchange, VIII. 790; comparative value of silver and gold, XVI. 731, 735; XXII. 73.
 SILVER-EYE, bird, XXIV. 824.
 SILVER-FIR, tree, IX. 224.
 SILVER-FISH, insect, XIII. 154.
 SILVER GLANCE, mineral, XXII. 69.
 SILVERING, coating with silver, XXII. 71; of mirrors, XVI. 501.
 SILVER INK, XIII. 81.
 SILVERIUS, pope, XXII. 74; XIX. 493.
 SILVER LACE, X. 753.
 SILVER MINING, XVI. 470.
 SILVER PITS, depressions in North Sea, XVII. 563.
 SILVER PLATE, XXII. 71; Roman, II. 366; works in, XIX. 178.
 SILVER REEF DISTRICT, Utah, U.S.A., XXIII. 815.
 SILVERSMITHS, Roman, II. 366.
 SILVESTER I., pope, XXII. 74.
 — II., pope, XXII. 74; XIX. 497; as scholastic philosopher, XXI. 421.
 — III., pope, XXII. 76; XIX. 498.
 SILVIDÆ, family of birds, XXIV. 366, 553.
 SIMANCAS, town, Spain, XXII. 76.
 SIMBA, one of the Solomon Islands, South Pacific, XXII. 252.
 SIMBIRSK, government, Russia, XXII. 76; town, XXII. 77.
 SIMEON, son of Jacob, XXII. 77.
 —, Israelitish tribe, XIII. 400.
 —, grand-duke of Russia, XXI. 91.
 — of Beth Arsham, Syriac writer, XXII. 832.
 — of Durham, English historian, XXII. 811.
 — BAR TABBAKHE, Syriac writer, XXII. 844.
 — KARKHAYA, Syriac writer, XXII. 838.
 — KUKAYA, Syriac writer, XXII. 832.
 — SHANKELAWI, Syriac writer, XXII. 852.
 — STYLITES, Syrian monk, XVI. 701; XXII. 830; temple of, II. 132.
 SIMFEROPOL, or Sympheropol, town, Russia, XXII. 77; VI. 586.

- SIMIA, genus of apes, II. 149.
- SIMIANG, ape of Sumatra, XXII. 640.
- SIMIIDÆ, group of apes, XV. 444.
- SIMILARITY, as ground of association, II. 733; mental perception of, XX. 80.
- SIMLA, district, India, XXII. 77; I. 655; town, XXII. 78.
- SIMMS, William, his dividing engine for graduation, XI. 30.
- , William Gilmore, American poet, novelist, and historian, XXII. 78; I. 727.
- SIMNEL, Lambert, English pretender, VIII. 329; XI. 662; in Ireland, XIII. 261.
- SIMON I.-II., Jewish high priests, XIII. 420.
- , Abraham, English medallist, XXII. 82.
- , John, on pathology, XVIII. 362.
- , Richard, French Biblical critic, XXII. 82.
- , Thomas, English medallist, XXII. 83.
- BEN YOCHI, author of the Book of Zohar, XIII. 814.
- DE BRION (Pope Martin IV.), XV. 582.
- DE MONTFORT, crusader, XVI. 787; IX. 541; XXII. 322.
- DE MONTFORT, political leader, XVI. 787; VIII. 310; XI. 658; XVIII. 304.
- MACCABÆUS, Jewish high priest, XIII. 423.
- MAGUS, XXII. 78; X. 702.
- PETER, the apostle, XVIII. 693. See Peter.
- SIMONDE, Jean Charles L. de (Sismondi), Genevese historian and political writer, XXII. 99.
- SIMONE DA PESARO (Simone Cantarini), Italian painter, v. 28.
- SIMONIA (Zannone), one of the Pontian Islands, Italy, XIX. 460.
- SIMONIANISM, ancient heresy, XXII. 80.
- SIMONICH, Count, Russian envoy to Persia, XVIII. 650.
- SIMONIDES of Amorgos, Greek poet, XXII. 83; XXI. 318.
- of Ceos, Greek poet, XXII. 84; XI. 139.
- SIMONS, Menno, founder of the Menonites, XVI. 11.
- SIMONY, in church law, XXII. 84.
- SIMOOM, or Simoon, wind of Arabia, II. 239; VII. 703.
- SIMPLICIUS, pope, XXII. 86; XIX. 492.
- of Cilicia, Neoplatonist, XXII. 86.
- SIMPLON, French department of the (1810), XXIV. 32.
- SIMPSON, Sir James Young, Scottish physician, XXII. 86; on acupressure, I. 133; his use of anesthetics in midwifery, I. 789; on the origin of disease-species, XVIII. 406.
- SIMPSON, Thomas, English mathematician, XXII. 86.
- , Thomas, Arctic explorer, XIX. 320.
- SIMROCK, Karl, German poet, XXII. 87.
- SIMSON, David, Scottish painter, XXII. 88.
- , George, Scottish painter, XXII. 88.
- , Robert, Scottish mathematician, XXII. 87; on porisms, XIX. 520.
- , William, Scottish painter, XXII. 88.
- SIMS TORPEDO, XXIII. 451.
- SIMULIUM, genus of insects, XVI. 866.
- SI MUSIR, island, Kuriles, Asia, XIV. 160.
- SIN, St Paul's doctrine of, XVIII. 424; Liguorian doctrine, XIV. 637; Pelagian doctrine, XVIII. 472; original, XIX. 669.
- , Assyrian moon-god, XXIII. 237; XXIV. 741.
- SINÆ (China), in Ptolemy's geography, v. 626; XX. 95.
- SINAL, peninsula, Arabia, XXII. 88; II. 236; Stanley's work on, XXII. 451.
- SINAITICUS CODEX, MS. of the Scriptures, XVIII. 147; discovery of, XXIII. 409.
- SINALOA, state, Mexico, XVI. 214.
- SINAMRU, fabulous bird, XX. 611.
- SINAN PASHA, Ottoman writer, XXIII. 656.
- SINCLAIR, Catherine, Scottish novelist, XXII. 90.
- , D., his automatic telephonic exchanges, XXIII. 134.
- , Sir George, Scottish writer and politician, XXII. 90.
- , Hannah, Scottish writer, XXII. 90.
- , Sir John, Scottish writer, XXII. 89.
- , John, archdeacon and writer, XXII. 90.
- , Oliver, favourite of James V. of Scotland, XXI. 499.
- SIND, province, India, XXII. 90; conquest of, by Britain, XII. 808; XVII. 176; policy of Ellenborough towards, VIII. 147.
- FRONTIER, Upper, district, India, XXIII. 859.
- SINDHIA, or Scindhia, maharaja of Gwalior, India, XI. 345; XII. 804; Wellington's war with, XXIV. 494.
- SINDHI LANGUAGE, XI. 840; dictionaries of, VII. 191.
- SINDIS, people, India, XXII. 91.
- SIND SAGAR DOAB, district, India, XVII. 113; XX. 107.
- SINE, in trigonometry, XXIII. 563.
- SINEPUXENT BAY, Maryland, U.S.A., XV. 602.
- SINEUS, Russian chief, XXI. 87.
- SINFONIA, in music, XVII. 87.
- SINGAPORE, British dependency, Malacca Straits, XXII. 92, 586; its exemption from malaria, xv. 319; Raffles's library at, XIV. 534.
- SINGBHUM, or Singboom, district, India, XXII. 94.
- SINGEING, of cloth, III. 814.
- SINGER, Isaac Merritt, improver of sewing machine, XXI. 719.
- SINGHALESE LANGUAGE AND LITERATURE, v. 366; dictionaries of language, VII. 191.
- SINGHARA, horned water-nut of Kashmir, XIV. 11.
- SINGING, XX. 273. See also article Music.
- SINGLETON, Captain, Defoe's book, VII. 28.
- SINGO, province, Uganda, Africa, XXIII. 717.
- SINGPHOS, hill tribe, Assam, India, II. 721.
- SINGSPIEL, German comic opera, XVII. 99.
- SINHALESE LANGUAGE AND LITERATURE, v. 366; dictionaries of language, VII. 191.
- SINIBULDI, Guittoncino de' (Cino da Pistoia), Italian jurist and poet, v. 786.
- SINIGAGLIA, town, Italy, XXII. 94.
- SINIGRIN, principle in mustard, XVII. 112.
- SINIM, of Scripture, v. 626.
- SINIS, of Greek legend, XXIII. 294.
- SINJAR, Seljuk ruler, XXI. 635.
- SINJIBU, Tartar prince, XXIII. 659.
- SINKARAH, lake, Sumatra, XXII. 638.
- SINKIL, town, Sumatra, XXII. 639.
- SINKING FUND, for national debts, XVII. 245.
- SINNER, M. de, Swiss philologist, his relations with Leopardi, XIV. 465.
- SINOPE, town, Asiatic Turkey, XXII. 94; XIX. 459; as Greek town, XVIII. 227, 850.
- SINS, The Seven Deadly, VIII. 592.
- SINTER, mineral, XVI. 390.
- SINUB (Sinope), town, Asiatic Turkey, XXII. 94.
- SINUSSA, Italy, Synod of (303), XV. 532.
- SINUPALLIA, suborder of Mollusca, XVI. 685.
- SINUS ABRAHÆ, limbus patrum, XIV. 646.
- SION, town, Switzerland, XXIV. 31; organ at, XVII. 837.
- SIORAJ, district, India, XIV. 154.
- SIoux, American Indians, XII. 827, 831.
- CITY, town, Iowa, U.S.A., XXII. 95.
- SIPAHI (Sepoy), native Indian soldier, XXI. 666; II. 590, 591; XII. 809.
- SIPAN-DAGH, mountain, Armenia, XXIV. 53.
- SIPHANTO, Sipheno, or Siphno, island, Greek Archipelago, XXII. 95.
- SIPHERE, piece of Mishnic literature, XVI. 507.

- SIPHNEUS, genus of rodent mammals, xv. 419.
- SIPHON, hydraulic apparatus, xxii. 95.
- FLUSH TANK, Field's, xxi. 714.
- SIPHONOCHELYDA, suborder of Mollusca, xvi. 649.
- SIPHONOPHORA, order of Hydrozoa, xii. 564.
- , genus of Myriapoda, xvii. 118.
- GRANARIA, wheat pest, xxiv. 535.
- SIPHONOPODA, branch of Mollusca, xvi. 666.
- SIPHON RECORDER, in telegraphy, xxiii. 124.
- SIPHRO, piece of Mishnic literature, xvi. 507.
- SIPONTUM (Manfredonia), ancient town, Italy, xv. 479.
- SIPPADE, Pierre de la, French romancist, xx. 658.
- SIPUNCULOIDEA, class of Polyzoa, xix. 430.
- SIPYLUS, Mount, Asia Minor, xv. 98; xvii. 513; xxiii. 48; connexion of Niobe with, xvii. 513.
- SIR, title, xxiii. 417.
- SIRACHIDES (Jesus, son of Sirach), xiii. 672.
- SIRAJGANJ, town, India, xxii. 95.
- SIRAJ-UD-DALA, Bengali ruler, vi. 10; xii. 801.
- SIRANG (Ceram), island, Indian Archipelago, v. 344.
- SIRANI, people of Bachian, Indian Archipelago, iii. 197.
- SIR DARIA, or Syr-Daria (*q.v.*), river, Central Asia, xxii. 818.
- SIRE-AA, river, Norway, xvii. 575.
- SIREDON, amphibian, xxii. 96; i. 760, 763.
- SIREN, amphibian, xxii. 97; skull of, i. 758.
- , fetal monstrosity, xvi. 764.
- , sound-producing instrument, i. 109; xvii. 104.
- SIRENIA, order of Mammalia, xv. 389.
- SIRENS, of Greek mythology, xxii. 97.
- SIRGUJA, state, India, v. 768.
- SIRICIUS, pope, xxii. 98; xix. 491.
- SIRIPUL, province, Afghanistan, i. 243.
- SIRIS, river and town, Lucania, Italy, xv. 37.
- BRONZES, ancient Greek work, xvi. 73.
- SIRMIUM (Mitrovic), ancient town, Lower Pannonia, xviii. 213.
- SIRMUR, state, Punjab, India, xxii. 98.
- SIROCCO DUST, in the atmosphere, x. 266.
- SIROHI, state, India, xxii. 98; xx. 260; town, xxii. 98.
- SIROS (Seres), town, Turkey in Europe, xxi. 675.
- SIRRHE (Seres), ancient town, Turkey, xxi. 675.
- SIRSA, district and town, India, xxii. 98.
- SIRUMALAI, hills, India, xv. 192.
- SISAPON (Almaden), ancient town, Spain, i. 589.
- SISCIA (Siszek), ancient town, Upper Pannonia, xviii. 213.
- SISKIN, bird, xxii. 99.
- SISMONDI, Jean Charles Léonard de, Genevese historian and political writer, xxii. 99, 799; as political economist, xix. 383.
- SISSERSKITE, mineral, xvi. 383.
- SISTAN, province, Persia, xxii. 100; xviii. 628; lake, xviii. 620.
- MISSION, to Persia, xviii. 653.
- SISTERS OF CHARITY, nuns, xvi. 713.
- SISTOVA, town, Bulgaria, xxii. 101.
- SISTRUM, Egyptian rattle, used in worship, xxii. 102.
- SISYPHUS, of Greek mythology, xxii. 102.
- SITABALDI, suburb of Nagpur, India, xvii. 164.
- SITALCES, Thracian king, xxiii. 318.
- SITAPUR, district, India, xxii. 102.
- SITHONIA, Mount, Macedonia, xv. 138.
- SITIFIS (Setif), town, Mauretania, North Africa, xv. 637.
- SITKA, town, Alaska, i. 444.
- SITOUNG (Tsit-toung), river, Burmah, xxi. 849; xxiii. 486.
- SI-TSANG, region, Tibet, xxiii. 338.
- SITTA, genus of birds, xvii. 665.
- SITTANG (Tsit-toung), river, Burmah, xxi. 849; xxiii. 486.
- SITTEN (Sion), town, Switzerland, xxiv. 31.
- SITTINGBOURNE, town, England, xxii. 102.
- SIUT, or Asiout, town, Upper Egypt, xxii. 103; vii. 775.
- SIVA, Hindu deity, iv. 207; viii. 126; worship of, among Mahrattas, xv. 290.
- SIVAGANGA, town, India, xv. 192.
- SIVAGIRI, town, India, xxiii. 405.
- SIVAITES, tribe, India, xv. 185.
- SIVAJI, Mahratta emperor, India, xii. 795, 803; xv. 291.
- SIVAKASI, town, India, xxiii. 405.
- SIVAS, town, Turkey in Asia, xxii. 103; province, xxiii. 653.
- SIVAVAKYAM, Tamil poems, xxiii. 44.
- SIVERTSON, Sylvester, Norwegian poet, xvii. 591.
- SIWA, oasis, Africa, xvii. 695.
- SIWALIK HILLS, India, xi. 824, 827; xxi. 151.
- SIWARD, the Strong, Northumbrian earl, xvii. 571.
- SIWAS, town, Turkey in Asia, xxii. 103.
- SIX MEN'S SONG, early musical piece, xvii. 83.
- SIXTINE CHAPEL, Rome, Michelangelo's works in, xvi. 231.
- SIXTUS I.-III., popes, xxii. 103.
- SIXTUS IV., pope, xxii. 103; xix. 503; xx. 806.
- V., pope, xxii. 104; xix. 504.
- SIZEBOLI (Apollonia), town, Turkey in Europe, ii. 186.
- SJÆLLAND, island, Denmark, xxiv. 771.
- SJÖBERG, Erik, Swedish poet, xxii. 757.
- SKADAR (Scutari), town, Albania, xxi. 573.
- SKAGEN, or Scaw, cape, Denmark, vii. 80.
- SKAGERACK, or Skagerrack, channel, North Sea, xvii. 563; xxii. 737.
- SKALLAGRIMSON, Egill, Icelandic writer, xxi. 368.
- SKANDAMALIA, sacred hill, India, xv. 192.
- SKÅNE, district, Sweden, xxii. 737.
- SKARABORG, county, Sweden, xxii. 741.
- SKARDO, town, Tibet, xiv. 198.
- SKARGA, Peter, Polish writer, xix. 301.
- SKÄRGÅRD, Skärgeard, or Skjærgaard, island belt, Norway and Sweden, xvii. 576; xxii. 737.
- SKATE, fish, xx. 299.
- SKATING, on ice, xxii. 104.
- SKAVRONSKA, Martha, wife of Peter the Great of Russia, xviii. 697; xxi. 97.
- SKEAT, Walter William, on alliterative verse, i. 586.
- SKELETON, xxii. 105; of man, i. 820; of Amphibia, i. 751; of apes, ii. 157; of birds, iii. 700; of fishes, xii. 640; of mammals, xv. 355; of reptiles, xx. 446; of sponges, xxii. 416.
- SKELLINGS, islands, Ireland, xiii. 216.
- SKELTON, John, English scholar and poet, xxii. 119; viii. 415.
- SKENE, Loch, Scotland, xxi. 526.
- , William Forbes, on Welsh literature, v. 316.
- SKERRYVORE LIGHTHOUSE, Scotland, xiv. 616.
- SKETCH DRAWING, vii. 451.
- SKETCHES BY BOZ, Dickens's work, vii. 174.
- SKEW ARCH, in bridges, ii. 330.
- SKEW-BEVEL WHEELS, xv. 756.
- SKEW-SYMMETRY, in mathematics, xix. 797.
- SKIDDAW, mountain, England, vi. 697.
- SKIDDY, bird, xx. 223.
- SKIEN ELV, river, Norway, xvii. 575.
- SKIERNIEWICE, town, Russian Poland, xxiv. 375.
- SKIFF, boat, xxi. 31.
- SKIMMER, bird, xxii. 120.
- SKIN, Anatomy of the, i. 897; effect of bathing on, iii. 439; cancer of, xviii. 382; colour of, as indication of race, ii. 111; ingrafting of, xxiii. 21; formation of, on scars, xviii. 366; sense of touch in, xxiii. 480.
- BOTTLES, iv. 167.

- SKIN DISEASES, XXII. 120; due to parasites, XVIII. 269; as result of vaccination, XXIV. 26.
- SKINK, lizard, XIV. 735.
- SKINNER, John, Scottish clergyman and song-writer, XXII. 124.
- SKINS, furs, IX. 836, 837; for tanning, XIV. 380, 384.
- SKIP, mining box, XVI. 456.
- SKIPETARS, or Albanians, people of Greece, XI. 83.
- SKIPTON, town, England, XXII. 124.
- SKIRRET, vegetable, XII. 288.
- SKITTLES, game, XXII. 125.
- SKIVERS, variety of leather, XIV. 388.
- SKJÆRGÅRD, or Skärgård, island belt, Norway and Sweden, XVII. 576; XXII. 737.
- SKODA, Joseph, German physician, XV. 817.
- SKOGSÖ, island, Norway, XIV. 769.
- SKOPIN, town, Russia, XXI. 116.
- SKOPLIE, town, Turkey, XXIV. 17.
- SKOPZI, Russian sect, VIII. 667.
- SKUA, bird, XXII. 125.
- SKULL, or Cranial Skeleton, XXII. 113; XXIV. 181; Oken's vertebral theory of, XVII. 751; anatomy of, in man, I. 822; its shape as indication of race, II. 111; of Amphibia, I. 753; of apes, II. 157; of birds, III. 700; of fishes, XII. 641; of mammals, XV. 355; of reptiles, XX. 449.
- SKUNK, carnivorous mammal, XXII. 125; XV. 439; skins of, IX. 839.
- SKUPSHTINA, Servian legislature, XXI. 687.
- SKUTTERUDITE, mineral, XVI. 391.
- SKVIRA, town, Russia, XXII. 126; XIV. 69.
- SKY, Worship of the, XVII. 138, 153; XXIV. 782.
- SKYE, island, Scotland, XXII. 127.
- SKYLARK, bird, XIV. 314.
- SKY-ROCKET, in pyrotechny, XX. 136.
- SLADEK, Joseph V., Bohemian poet, XXII. 152.
- SLAG, of ores, XVI. 62; of iron, XIII. 292, 307.
- SLAGELSE, town, Denmark, XXIV. 771.
- SLANDER, in law, XIV. 505.
- SLATE, argillaceous rock, XXII. 127; X. 238; strength of, XXII. 603; quarries, XVI. 454; XXII. 128.
- SLATER-WORK, in building, IV. 500.
- SLATE-SPAR, mineral, XVI. 397.
- SLAVANSK, town, Russia, XIV. 57.
- SLAVE COAST, West Africa, I. 269.
- SLAVERY, XXII. 129; in relation to labour, XIV. 165; of Negroes, XVII. 319; ancient, XIX. 348; in Barbados, III. 361; in Ireland and Scotland, V. 800; in Siam, XXI. 852; in United States, XXIII. 747, 752, 757, 763, 769, 781, 821; Jefferson's opposition to, XIII. 615.
- , Abolition of, by European and American states, XXII. 141; by Eng-
- land, VIII. 365; in Jamaica, XIII. 551; Clarkson on, V. 813; Garrison's advocacy of, X. 85; Wilberforce's part in, XXIV. 565.
- SLAVES, XXII. 129; torture of, XXIII. 462; emancipation of, in Jamaica, XIII. 551; colony of freed, in Sierra Leone, West Africa, XXII. 45.
- SLAVE TRADE, XXII. 137; American, as affected by treaty of Utrecht, XXIII. 734; Clarkson on, V. 813.
- SLAVONIA, with Croatia, crown-land, Hungary, VI. 591.
- SLAVONIANS, race of people, Europe, XXII. 145; in Russia, XXI. 78.
- SLAVONIC LANGUAGES, XVIII. 785; XXII. 147; dictionaries of, VII. 188.
- SLAVONIC LITERATURE, XXII. 149.
- SLAVS, European peoples, XXII. 145; XIX. 285; in Germany, X. 480.
- SLAVYANSK, town, Russia, XXII. 154.
- SLEDGE, Eskimo, VIII. 545.
- HAMMER, XI. 425; XVI. 445.
- SLEDGE-TRAVELLING, in Arctic explorations, XIX. 322.
- SLEEP, XXII. 154; dreaming in, VII. 452; hypnotic, XV. 278; of Endymion, in Greek mythology, VIII. 205.
- SLEEPERS, Railway, XX. 242.
- SLEEPLESSNESS, XXII. 157.
- SLEIDANUS, John, German annalist of the Reformation, XXII. 158.
- SLEIGHT OF HAND, XIV. 414; XV. 207.
- SLESVIG (Schleswig, *q.v.*), XXI. 413.
- , town, Prussia, XXI. 413.
- SLIDE MOUNTAIN, Catskills, U.S.A., XXIII. 793.
- SLIDE-REST, machine, XV. 153.
- SLIDING CONTACT, in applied mechanics, XV. 756.
- SLIEMA, suburb of Valetta, Malta, XV. 340.
- SLIEVEBAWN MOUNTAINS, Ireland, XX. 850.
- SLIEVE BLOOM MOUNTAINS, Ireland, XX. 170.
- SLIEVE DONARD, mountain, Ireland, XIII. 215.
- SLIGO, county and town, Ireland, XXII. 159.
- SLIM MOUNTAINS, Malay Peninsula, XV. 321.
- SLINGSBY PAPERS, Willis's, XXIV. 588.
- SLIP, Harbour, XI. 470.
- , in pottery, XIX. 601.
- SLIPPERS, XXI. 830.
- SLIVEN, town, East Roumelia, Turkey, XXII. 160.
- SLIVNO (Sliven), town, East Roumelia, Turkey, XXII. 160; department, XXI. 22.
- SLIVOVITZA, spirituous liquor, XVIII. 692; XXI. 687.
- SLOAN-DUPLOYAN SYSTEM, of short-hand, XXI. 840.
- SLOANE, Sir Hans, Irish physician and
- naturalist, XXII. 160; his bequest to British Museum, XIV. 515.
- SLOBODSKOI, town, Russia, XXIV. 303.
- SLODTZ, René Michel, French sculptor, XXII. 160.
- SLOE, tree and fruit, XIX. 230.
- SLONIM, town, Russia, XXII. 161.
- SLOPPESBURY (Shrewsbury), Saxon town, England, XXI. 845.
- SLOTH, edentate mammal, XXII. 161; XV. 384; its relation to the megatherium, XV. 829.
- BEAR, carnivorous mammal, XV. 442.
- SLOTING MACHINE, XV. 156.
- SLOUGH, town, England, XXII. 162.
- SLOVAK LANGUAGE, XXII. 153; dictionaries of, VII. 188.
- SLOVAKS, Slav people, Moravia, XVI. 811; XXII. 145.
- SLOVENES, Slav people, Roumania, XXI. 16; XXII. 145, 147.
- SLOVENISH LANGUAGE, XXII. 150; dictionaries of, VII. 188.
- SLOWACKI, Julius, Polish poet, XIX. 304.
- SLOW-WORM, lizard, XIV. 735.
- SLUBBING FRAME, cotton machine, VI. 494.
- SLUDGE, sewage product, XXI. 712.
- SLUG, mollusc, XVI. 646, 660; XXII. 187.
- SLUTER, Claux, Netherlands sculptor, XXI. 563.
- SLUTSK, town, Russia, XXII. 162.
- SLUYS, Holland, Battle of (1340), IX. 546; XVII. 279.
- SMALKALD (Schmalkalden), town, Prussia, XXI. 416; articles of (1536), VI. 564.
- LEAGUE (1531), V. 415; X. 498; XV. 83; XX. 333.
- SMALLAGE, wild celery, V. 290.
- SMALLPOX, disease, XXII. 162; XVIII. 404; in relation to vaccination, XXIV. 28; XIII. 623; quarantine for, XX. 156.
- SMALTINE, mineral, VI. 81; XVI. 390.
- SMALTS, mineral, VI. 82.
- SMARAGDUS MEDICUS, of Pliny, mineral, XV. 315.
- SMART, Christopher, English poet, XXII. 164.
- , John, his valuation tables, II. 74.
- SMEATON, John, English civil engineer, XXII. 165; XIV. 616; his diving-bell, VII. 295.
- SMECTYMNUS, Puritan pamphlet, XVI. 328; IV. 652.
- SMELL, XXII. 165; in relation to taste, XXIII. 80; nerve of, I. 885; in bees, III. 488; organs of, in Amphibia, I. 768; in birds, III. 725; in Crustacea, VI. 639; in fishes, XII. 652; in mammals, XV. 367; in reptiles, XX. 462.
- SMELLIE, William, editor of 1st edition of Encyclopædia Britannica, VIII. 200.

- SMELT, fish, XXI. 221, 223, 225.
 SMELTING, of metals, XVI. 58; of iron, XIII. 291.
 SMERDIS, son of Cyrus, XVIII. 567.
 —, The False, Persian king, XVIII. 568.
 SMETHWICK, town, England, XXII. 168.
 SMEW, bird, XVI. 35.
 SMIKITE, mineral, XVI. 401.
 SMIL of Pardubitz, Bohemian writer, XXII. 151.
 SMILAX, genus of plants, XXI. 313.
 SMIRKE, Robert, English painter, XXII. 168.
 SMITH, Adam, Scottish political economist and ethical philosopher, XXII. 169; XIX. 365; his maxims of taxation, XXIII. 85; his place in English literature, VIII. 429; his Theory of Moral Sentiments, VIII. 602.
 —, Albert, English humorist, XXII. 171.
 —, Alexander, Scottish poet, XXII. 172.
 —, Barnabas, stepfather of Sir Isaac Newton, XVII. 438.
 —, Bernard, English organ-builder, XVII. 837.
 —, Brough, on Australian geology, III. 108.
 —, Charles Michie, his improvement of the rain-gauge, XX. 257.
 —, C. Roach, on ancient London, XIV. 841.
 —, Colvin, Scottish painter, XXII. 172.
 —, Edmund, English writer, XVIII. 755.
 —, George, on the Babylonian cosmogonies, VI. 446.
 —, Henry John Stephen, mathematician, XXII. 172.
 —, Horace, joint-author of Rejected Addresses, XXII. 173.
 —, James, joint-author of Rejected Addresses, XXII. 173.
 —, James, of Deanston, his system of draining, I. 304, 331.
 —, Captain John, English traveller and adventurer, XXII. 173; XV. 301.
 —, John Raphael, English painter and mezzotint engraver, XXII. 176.
 —, Joseph, founder of the Mormons, XVI. 825.
 —, Leigh, Arctic explorer, XIX. 325.
 —, Robert Angus, on the constituent gases of the atmosphere, III. 35.
 —, Sydney, English moralist and critic, XXII. 177.
 —, Sir Thomas, English scholar and diplomatist, XXII. 178.
 —, William, English geologist, XXII. 178.
 —, William, of Woolston, English agriculturist, I. 314.
 —, William, Lollard ascetic, XIV. 811.
 —, William Henry, English moralist, XXII. 179.
 —, Sir William Sidney, English admiral, XXII. 179.
 SMITHFIELD MARKET, London, XIV. 828, 845.
 SMITHSON, Sir Hugh, duke of Northumberland, XVIII. 523.
 —, Miss, Irish actress, III. 598.
 SMITHSONIAN INSTITUTION, Washington, U.S.A., XXII. 223; XXIV. 384.
 SMITHSONITE, mineral, XVI. 398.
 SMITH-WORK, in building, IV. 510.
 SMOKE, of London, XIV. 827.
 — ABATEMENT, XXII. 179.
 SMOKING, of tobacco, XXIII. 423; pipes for, XIX. 110.
 SMOKY MOUNTAINS, North Carolina, U.S.A., XVII. 559.
 SMÖLEN, island, Norway, XVII. 576.
 SMOLENSK, government, Russia, XXII. 183; as principality, XXI. 89; town, XXII. 183.
 SMOLLETT, Tobias George, Scottish novelist, XXII. 183; as satirist, XXI. 320; his place in English literature, VIII. 431.
 SMOLT, young salmon, XVIII. 320; XXI. 224.
 SMUGGLING, XXII. 185; in relation to taxation, XXIII. 86.
 SMYRNA, town, Asia Minor, XXII. 185; coins of, XVII. 647; province, XXIII. 653.
 —, Epistle of the Church at, on Polycarp's martyrdom, XIX. 415.
 SMYTH'S OBSERVATORY, Bedford, England, XVII. 711.
 SNAEFELL, mountain, Isle of Man, XV. 450.
 SNAIL, mollusc, XXII. 187; XVI. 646, 660; development of the river-snail, XVI. 638.
 SNAKE-BIRD, XXII. 188.
 SNAKE-BITE, Number of deaths from, XXII. 191.
 SNAKE-FLY, XIII. 151.
 SNAKE ISLAND, West Indies, II. 46; XXIV. 261.
 SNAKE-NUT, XVII. 664.
 SNAKE-POISON, XXII. 191.
 SNAKE RIVER, Oregon and Washington Territory, U.S.A., XVII. 822; XXIV. 386.
 SNAKE-ROOT, plant, XXII. 189.
 SNAKES, order of reptiles, XXII. 189; classification of, XX. 439, 445; olfactory organs of, XXII. 166; reproduction of, XX. 409; Aristotle on, XX. 432.
 SNAKE-STONE, XXII. 199.
 SNEEK, town, Netherlands, XXII. 199.
 SNEEZING, abnormal form of respiration, XX. 479.
 SNELL (Snellius), Willebrord, Dutch astronomer, XXII. 199; his measurement of arc of meridian, VII. 597; his contributions to navigation, XVII. 255; on squaring the circle, XXII. 434.
 SNEYD, Honora, Major André's love for, II. 19.
 SNIADOCKI, John, Polish philosopher, XIX. 306.
 SINPE, bird, XXII. 200; shooting, XXI. 834.
 SNOB PAPERS, Thackeray's, XXIII. 214.
 SNOILSKY, Count Karl, Swedish poet, XXII. 758.
 SNORING, abnormal form of respiration, XX. 479.
 SNORRO STURLUSON, Icelandic historian, XXII. 201; VII. 649; XII. 622, 625; XXI. 368.
 SNOTINGHAM (Nottingham), ancient town, England, XVII. 600.
 SNOW, in meteorology, XVI. 154; geological effects of, X. 280.
 SNOWBALL TREE, XI. 244.
 SNOWDON, mountain, Wales, V. 118.
 SNOWDROP, plant, XXII. 201.
 — TREE, II. 320.
 SNOW-GAUGE, Glaisher's, XX. 257.
 SNOW-LINE, VI. 2; X. 280, 627; XVI. 154; of Himalayas, XI. 830.
 SNOW-SHOES, XXII. 201.
 SNUFF, XXIII. 426; adulteration of, I. 174.
 SNYDERS, Franz, Flemish painter, XXII. 202.
 SOAP, XXII. 202; action of water on, XXIV. 399; scented, XVIII. 526.
 SOAP-BARK, XXII. 204.
 SOAP-BUBBLE, Surface-tension of, V. 65.
 SOAP NUT, XVII. 665.
 SOAP POWDER, XXII. 204.
 SOAP-TREE OIL, XVII. 744.
 SOAR, river, England, XVII. 598.
 SOBA, town, ancient Palestine, XIII. 405.
 SOBAT, affluent of Nile, Africa, XVII. 507, 508.
 SOBBING, abnormal form of respiration, XX. 479.
 SOBIESKI, John III., king of Poland, XIII. 714; XIX. 295; defeat of the Turks by (1683), XIV. 466.
 SOBOLES, underground stem of plants, IV. 98.
 SOBRANIE, provincial assembly, Russia, XXI. 70.
 SOBRAON, India, Battle of (1846), XX. 112.
 SOCAGE, land tenure, XXII. 204; XX. 305.
 SOC AND SAC, Cinque Port right, V. 786.
 SOCCINI (Socinus, *q.v.*), XXII. 228.
 SOCCOLANTES, Franciscan monks, IX. 699.
 SOCHACZEW, town, Russian Poland, XXIV. 375.
 SOCHAN, river, Central Asia, XVIII. 103.
 SOCIABLE GROSBEEK, bird, XXIV. 463.
 SOCIAL DEMOCRATS, German political party, XXII. 215.
 SOCIALISM, XXII. 205; VI. 211; its economic aspects, XIX. 393; failures of, VI. 219; in Germany, X. 513; XIV. 321; Fourier's system, IX. 489; Owen's XXV. — 52

- promotion of, XVIII. 87; Proudhon's ideas, XIX. 867; Rodbertus's system, XX. 616; Saint-Simon's teachings, XXI. 197; Saint-Simonism in France, VIII. 211; Stoic doctrine of, XXII. 569.
- SOCIALISTIC FEELINGS, in psychology, XX. 70.
- SOCIETAS, in Roman law, XVIII. 329.
- SOCIETIES, Scientific, archæological, and literary, XXII. 221; Bible, III. 649; missionary, XVI. 515; tract, XXIII. 494. See also Guild.
- SOCIETY, Robertson's drama, XX. 598.
- , Royal, of London, XXI. 38.
- ISLANDS, Pacific Ocean, XXIII. 22.
- OF JESUS, or Jesuits (*q.v.*), XIII. 645.
- SOCINIANISM, theological doctrine, XIII. 671.
- SOCINUS, or Sozini, Fausto Paolo, Italian theologian, XXII. 229; in Poland, XXIII. 725.
- , Lelio Francesco Maria, Italian theologian, XXII. 228.
- SOCIOLOGY, science of the development of society, VIII. 619; XVIII. 796; XIX. 347; Comte's conceptions of, VI. 235; in relation to statistics, XXII. 464; societies, XXII. 226.
- SOCORRO, town, New Mexico, U.S.A., XXII. 231.
- SOCOTRA, island, Indian Ocean, XXII. 231; I. 272.
- SOCRATES, Greek philosopher, XXII. 231; his views of the beautiful, I. 215; his ethical teaching, VIII. 577; his logic, XIV. 784; his philosophy, XVI. 81; in relation to Plato, XIX. 194, 198; his relation to scepticism, XXI. 379; to the sophists, XXII. 263; Xenophon's Memorabilia of, XXIV. 721.
- , Byzantine church historian, XXII. 238; compared with Sozomen, XXII. 292.
- SOCRATICS, school of Greek philosophy, XXII. 237, 266.
- SODA, sodium oxide, XXII. 240; salts of, XVIII. 92; nitrate of, XVII. 517; deposits of nitrate in Peru, XVIII. 675; as manure, XV. 509.
- , Washing, XXII. 243.
- SODA-ALUM, I. 645.
- SODALITE, mineral, XVI. 412.
- SODA-MICA, mineral, XVI. 413.
- SODEN, spa, Germany, XVI. 434.
- , Julius von, German economist, XIX. 387.
- SODERINI, Piero, gonfalonier, Florence, XV. 147; XIX. 121.
- SÖDERMANLAND, county, Sweden, XXII. 741.
- SODIUM, chemical element, XXII. 240; V. 524; chlorate of, its enantiomorphism, XIX. 314; chloride, XXI. 228; cyanide of, XX. 23; sulphate of, X. 675; as plant food, XIX. 49.
- SODOM ancient town, Palestine, VII. 2; XV. 8, XVIII. 803.
- SODOMA, or Sodona, II (Giannantonio Bazzi), Italian painter, XXII. 245.
- SODOR AND MAN, Bishopric of, XIV. 694; XV. 453; origin of the title, XI. 607.
- SOEST, town, Westphalia, Prussia, XXII. 245.
- SEUR, Hubert le, French sculptor, XXI. 560.
- SOFALA, town, East Africa, XXII. 246; I. 270; XVII. 7.
- SOFFIONI, mineral water jets, Italy, XXIV. 399.
- SOFIA, town, Bulgaria, XXII. 246.
- SOFIS, or Sufis, Mohammedan sect, VII. 113; XXII. 662. See also Sufism.
- SOFIVSK, town, Eastern Siberia, XV. 549.
- SOFT SOAP, XXII. 204.
- SOGDIANA, province, ancient Persia, XXII. 246; IV. 2; XVIII. 101, 583, 586, 592; XXIV. 781; conquest of, by Alexander, XV. 141.
- SGNE FJORD, Norway, XVII. 576.
- SOHAR, town, Arabia, XXII. 246.
- SOHO, Birmingham, England, manufactory of steam-engines at, III. 785; IV. 172.
- SOIL, in agriculture, I. 306; drainage of, I. 328; for gardens, XII. 217, 232; in relation to manure, XV. 506; production of, X. 265; chemistry of soils, XIV. 567.
- SOIL-PIPES, for sewage, XXI. 715.
- SOILS, Chemistry of, XIV. 567.
- SOISSONS, town, France, XXII. 247; congress of (1727), VI. 270.
- SOKEMAN, Free, Law of inheritance from, XIX. 734.
- SOKNA, town, Fezzan, Africa, IX. 130.
- SOKOLNIKI, forest, Russia, XVI. 859.
- SOKOTO, kingdom and town, Central Africa, XXII. 248, 279.
- SOKOTOFF, town, Russian Poland, XXII. 37.
- SOLAIMAN, Omayyad caliph, XVI. 574.
- SOLAN GOOSE, bird, X. 70.
- SOLANIA, vegetable alkaloid, XVII. 499.
- SOLANI RIVER, India, Aqueduct across, II. 222.
- SOLANO, missionary to Paraguay, XVIII. 245.
- SOLANUM, genus of plants, XVII. 499; XIX. 593, 595.
- SOLAR CYCLE, IV. 669.
- SOLAR DAY, II. 771.
- SOLARIO, Andrea, Italian painter, XXI. 437.
- , Antonio, Neapolitan painter, XXII. 249.
- SOLAR PARALLAX, XVIII. 245.
- SOLAR RADIATION, XVI. 116.
- SOLAR STEARIN, product from lard, XIV. 312.
- SOLAR SYSTEM, II. 778; XXII. 650; nebular theory of, XVII. 310; influence of tidal friction on, XXIII. 380; Herschel on its motion in space, XI. 767.
- SOLAR TIDES, XXIII. 354, 365, 368.
- SOLAR ZODIAC, XXIV. 791.
- SOLDAN, Mariano Felipe Paz, Peruvian geographer, XVIII. 675.
- SOLDER, metallic cement, XXII. 249.
- SOLDIER-BIRD, XII. 139.
- SOLDIERS, Training of, XXIV. 353; diet for, VII. 212. See Army.
- SOLE, in architecture, II. 473.
- , fish, XXII. 249.
- SOLECISM, in speech, XXII. 251.
- SOLEIMAN, Moorish caliph, in Spain, XXII. 315.
- SOLEMN LEAGUE AND COVENANT (1643), in Scotland, VI. 530; XI. 651; XXI. 512, 513.
- SOLENODONTIDÆ, family of insectivorous mammals, XV. 404.
- SOLENOID, electromagnetic apparatus, VIII. 71; solenoidal magnetization, XV. 229.
- SOLEURE (Solothur), canton, Switzerland, XXII. 250, 788; town, XXII. 250.
- SOLFERINO, Italy, Battle of (1859), III. 139; IX. 624; XIII. 490.
- SOLI, ancient town, Asia Minor, XXII. 250.
- SOLICITOR, legal practitioner, XXII. 251; III. 62.
- SOLICITOR-GENERAL, legal officer, XXII. 251; III. 63.
- SOLID, SOLIDS, distinguished from fluids, XIX. 240; VI. 310; XII. 439; rigid, statics of a, XV. 728, 732.
- SOLIDS, in mathematics, Cubature of, XIII. 53; mensuration of, XVI. 22.
- SOLIDUS, coin, XVII. 655.
- SOLIHULL, town, England, XXIV. 379.
- SOLIKAMSK, town, Russia, XVIII. 550.
- SOLIMAN, or Sulaiman, shah of Persia, XVIII. 639.
- , or Suleyman, I., Turkish sultan, XXII. 251; XXIII. 643; his dealings with Persia, XVIII. 636.
- II., Turkish sultan, XXIII. 645.
- SOLIMOENS, or Amazon, river, South America, I. 654, 674; IV. 221.
- SOLINGEN, town, Rhenish Prussia, XXII. 251.
- SOLINUS, Salmasius's notes on, XXI. 220.
- SOLIS, Antonio de, Spanish dramatist and historian, XXII. 251.
- , Juan Diaz de, explorer of River Plate, II. 488; XXIV. 16.
- , Virgil, Nuremberg metal-worker, XIX. 184.
- , Rio de (River Plate), South America, XIX. 187.
- SOLITAIRE, bird of Réunion, III. 732.
- SOLITARY CONFINEMENT, for prisoners, XIX. 753.

- SOLMONA (Sulmona), town, Italy, XXII. 634.
- SOLO, river, Java, XIII. 601.
- SOLOGNE, district, France, XIV. 809.
- SOLOMON, king of Israel, XXII. 251; XIII. 405.
- , Proverbs of, XIX. 879.
- , Psalms, or Psalter, of, apocalyptic hymns, II. 181; on the Messiah, XVI. 55.
- , Song of, or Canticles, v. 32.
- , Temple of, II. 392; XXIII. 166.
- , Wisdom of, in Apocrypha, II. 181.
- of Al-Basrah, Syriac writer, XXII. 855.
- ISLANDS, South Pacific, XXII. 252; XV. 835.
- SOLON, Athenian legislator, XXII. 253; XI. 96; XIX. 130.
- SOLOTHURN (Soleure), canton, Switzerland, XXII. 250, 788; town, XXII. 250.
- SOLOVIEFF, Sergius, Russian historian, XXI. 108.
- SOLPUGIDEA, order of Arachnida, II. 280.
- SOLTSY, town, Russia, XX. 36.
- SOLUTION, physical process, VII. 217.
- SOLVYTCHEGODSK, town, Russia, XXIV. 283.
- SOLWAY MOSS, England, Battle of (1542), XXI. 499.
- SOLYMA, Mount, Asia Minor, XV. 94.
- SOLYMAN, shah of Persia, XVIII. 639.
- I., Turkish sultan, XXII. 251; XXIII. 643; his relations with Persia, XVIII. 636.
- II., Turkish sultan, XXIII. 645.
- SOMA, a drink, in Brahmanical ritual, IV. 205; as a deity, IV. 205; VII. 249.
- SOMADEVA, Sanskrit tales, XXIII. 27.
- SOMALI, or Somal, people of Central Africa, XXII. 255; I. 263; country, I. 150, 271.
- SOMATERIA, genus of birds, VII. 789; XIX. 252.
- SOMATOTROPISM, in vegetable physiology, XIX. 60.
- SOMBRERETE, town, Mexico, XXIV. 761.
- SOMERS, Lord, lord chancellor of England, XXII. 256.
- SOMERSET, county, England, XXII. 257; coalfield, VI. 52.
- , Edward Seymour, duke of, protector of England, XXII. 259; VII. 686; as aspirant to English crown, VIII. 327; invasion of Scotland by, XXI. 500.
- , Robert Carr, earl of, favourite of James I. of England, XXII. 260.
- , Fitzroy James Henry, Lord Raglan, XX. 220.
- HOUSE, London, II. 444; XIV. 838.
- SOMERS'S ISLANDS, or Bermudas (*q.v.*), III. 18, 599.
- SOMERVILLE, part of Boston, Massachusetts, U.S.A., XXII. 260.
- , Mary, Scottish scientific writer, XXII. 260.
- SOMMA, Monte, precipice, Mount Vesuvius, Italy, XXIV. 195.
- SOMMARIVA, political party, mediæval Italy, XIV. 768.
- SOMME, department, France, XXII. 261; river, IX. 506.
- SOMMERFELD, town, Prussia, XXII. 261.
- SÖMMERING, Samuel Thomas, anatomist, I. 816.
- SOMMERS, Will, English court jester, IX. 366.
- SOMNAMBULISM, XV. 280; XXII. 157.
- SOMNATH, town, India, XXII. 261; capture of, by Mahmud (1025), XV. 287.
- , or Somnauth, Gates of, at Agra, India, X. 560; VIII. 147.
- SOMNIUM SCIPIONIS, Cicero's, commented on by Macrobius, XV. 167.
- SOMOROSTRO, Spain, Mines of, III. 787.
- SOMPNOUR, in law, XXII. 642.
- SONATA, in music, XVII. 95.
- SONDERBUND, Swiss league, XV. 40; XXII. 795.
- SONDERSHAUSEN, Schwarzburg-, principality, Germany, XXI. 461.
- SONDRIO, town, Italy, XXIV. 45.
- SON FJELL, mountain, Sweden, XXII. 736.
- SONG, of birds, III. 770.
- , in music, XVII. 84.
- , in poetry, XIX. 272.
- SONGARI, river, Siberia, I. 747.
- SONGARIA (Dzungaria), region, Central Asia, VII. 587; XXIII. 632, 639.
- SONG-COI, or Song-Koi, river, Cochin China and Tong-King, VI. 93; XXIII. 439.
- SONG OF HIAWATHA, Longfellow's poem, XIV. 861.
- SONG OF THE SHIRT, Hood's poem, XII. 146.
- SONG OF SOLOMON, or Canticles, v. 32.
- SONG OF SONGS, or Canticles, v. 32.
- SONG OF THE THREE HOLY CHILDREN, in Apocrypha, II. 181.
- SONGS OF INNOCENCE, by Blake, III. 805.
- SONHRAY GROUP, of Negroes, XVII. 319.
- SON-KONG (Mekong), river, Asia, XV. 832.
- SONNE, Danish painter, VII. 94.
- SONNEBERG, town, Germany, XXI. 348.
- SONNENFELS, Joseph, Freiherr von, Austrian economist, XIX. 364.
- SONNENSTEIN, fortress, Saxony, XIX. 118.
- SONNERAT, Pierre, on birds, XVIII. 7.
- SONNET, in poetry, XXII. 261; XIX. 273.
- SONNETS, Shakespeare's, XXI. 764.
- , Wordsworth's, XXIV. 676.
- SONRHAI EMPIRE, of Timbuktu, Central Africa, XXIII. 391.
- SONS OF LIBERTY, American revolutionary organization, XXIII. 738.
- SONTSOS, family of modern Greek poets, XI. 151.
- SOO-CHOW, or Soo-chow Foo, town, China, v. 635; XXII. 617.
- SOOR, town, Arabia, II. 255.
- SOOREE (Suri), town, India, III. 697.
- SOOT, as manure, I. 352; XV. 512; as source of sal-ammoniac, I. 741.
- SOOTHSAYERS, diviners, XIX. 727; XV. 199.
- SOPENG, Kingdom of, Celebes, Indian Archipelago, v. 289.
- SOPH, En, the Deity in the Kabbalah, XIII. 811.
- SOPHIA, town, Bulgaria, XXII. 246.
- , Roman empress, her insulting message to Narses, XVII. 234.
- , sister of Peter the Great of Russia, XVIII. 698; XXI. 96.
- DOROTHEA, wife of George I. of England, XXII. 263.
- SOPHISTES, Plato's dialogue, XIX. 207.
- SOPHISTRY, in Greek philosophy, XXII. 264.
- SOPHISTS, in history of Greek philosophy, XXII. 263; VIII. 576; XX. 514; scepticism of, XXI. 378; Philostratus's Lives of the, XVIII. 797.
- SOPHOCLES, Greek dramatist, XXII. 271; VII. 405; XI. 140.
- SOPHONISBA, Carthaginian heroine, XV. 609.
- SOPHORA, genus of trees, II. 320.
- SOPHRON of Syracuse, Greek comedian, XXII. 274, 16.
- SOPHRONIUS, patriarch of Jerusalem, XVI. 758.
- SOPRON (Oedenburg), town, Hungary, XVII. 730.
- SOPRONIUM (Sopron), Roman town, Hungary, XVII. 730.
- SORA, town, Italy, XXII. 275.
- , bird, XX. 223.
- SORABI, or Sorbs (*q.v.*), XXI. 353.
- SORANUS, anatomist of Ephesus, I. 804; in Rome, XV. 802.
- SORATH, district, India, XIV. 15.
- SORAU, town, Prussia, XXII. 275.
- SORBENBURG, castle at Saalfeld, Germany, XXI. 122.
- SORBON, Robert de, founder of the Sorbonne, Paris, XVIII. 288; XXII. 275.
- SORBONNE, college, Paris, XXII. 275; IX. 543; XVIII. 280, 288.
- SORES, Slavonic people, XXI. 353; XXII. 145, 147; language and literature of, XXII. 153, 154; dictionaries of language, VII. 188.
- SORCERY, or Magic, VII. 63; XV. 199; punishment for, XXIV. 619.

- SOREDIA, reproductive organs of lichens, XX. 423.
- SORE-EYED PIGEON, bird, XXI. 782.
- SOREL, town, Canada, XX. 167; XXI. 181.
- , Agnes, mistress of Charles VII. of France, V. 411.
- SORELLA CASTLE, Sora, Italy, XXII. 275.
- SOREX, genus of insectivorous mammals, XXI. 843; XV. 403.
- SORGHUM, Indian millet, VII. 564; XVI. 321; sugar from, XXII. 628.
- SORIA, province and town, Spain, XXII. 276.
- SORICIDÆ, family of insectivorous mammals, XV. 403.
- SORÖ, town, Denmark, XXIV. 771.
- SOROPHORA, order of Protozoa, XIX. 840.
- SOROPITA, Fernão Rodrigues Lobo, Portuguese satirist, XIX. 556.
- SOROPLEX, genus of birds, XXIV. 652.
- SORREL, vegetable, XII. 288.
- SORRENTO, town, Italy, XXII. 276.
- SORTILEGE, divination by the lot, VII. 293.
- SOSIGENES, Alexandrian astronomer, XXII. 276.
- , Peripatetic philosopher, XXII. 277.
- SOSNA, river, Russia, XXI. 74.
- SOSNITZA, town, Russia, XXIII. 96.
- SOSS, Babylonian numerical term, XVII. 626.
- SOTER, Antiochus I., king of Syria, II. 133; XVIII. 587.
- , Demetrius I., king of Persia and Syria, VII. 58; XIII. 422; XVIII. 590.
- , Ptolemy I., king of Egypt, VII. 745.
- SOTERIOLOGY, doctrine of salvation, St Paul's, XVIII. 425, 427.
- SOTIES, early French comedies, IX. 645.
- SOTO, Ferdinando de, Spanish explorer, VII. 131.
- SOTS, Prince des, head of French Enfants Soudois, IX. 645.
- SOUBISE, Benjamin de Rohan, Duc de, Huguenot, XXII. 277.
- , Charles de Rohan, Prince de, French marshal, XXII. 277; IX. 589.
- SOUCHONG, tea, XXIII. 99.
- SOUDAN, region, Central Africa, XXII. 277; Negroes of, XVII. 316; XXII. 278; slave trade in, XXII. 143.
- SOUIMANGA, bird, XXII. 651.
- SOUL, Doctrine of the, in animistic philosophy, II. 55; in Indian philosophy, XXI. 289; XVIII. 685; XXIV. 117; Buddhist, IV. 433; XVIII. 685; Aristotle's, II. 522; Plato's, XIX. 199, 203, 209; Stoic, XXII. 563, 565; Xenocrates's, XXIV. 719; Zoroastrian, XXIV. 822; in Biblical psychology, XXIII. 276; St Paul's, XVIII. 424, 426; in Christian eschatology, VIII. 535; Origen's, XVII. 843; in phrenology, XVIII. 843; materialistic and spiritualistic theories, II. 109.
- SOUL, Immortality of, Kant on, XIII. 854. See also Immortality.
- SOULOUQUÉ, Faustin, emperor of Hayti, XI. 546.
- SOULS, Transmigration of, XVI. 806; in Buddhist doctrine, IV. 433. See also Metempsychosis.
- SOULT, Nicolas Jean de Dieu, marshal of France, XXII. 279.
- SOUND, Science of, I. 100; compared with light, XXIV. 452; more audible in moist air, I. 199; effect of magnetization on, XV. 270; musical, XVII. 102; notation, Sweet's, XXII. 385; differences in quality of, VII. 593; in relation to telephony, XXIII. 127; speed of, I. 104; XXIV. 418; of voice in speaking, XVIII. 811; Weber's law in relation to, XXIV. 471.
- SOUNDBOARD, of organ, XVII. 828.
- SOUNDING, of sea-depths, XXII. 280, 713; XVII. 268; in Pacific Ocean, XVIII. 120.
- PLATES, in acoustics, I. 143.
- SOUSA E VASCONCELLOS, Luis de, count of Castel Melhor, Portuguese statesman, XIX. 549.
- SOUSLIK, rodent mammal, XV. 560.
- SOUTERASI, hydraulic obelisks, at Constantinople, II. 221.
- SOUTH, Sir James, his observatory, London, XVII. 711.
- , Robert, English divine, XXII. 281.
- AFRICAN REPUBLIC, or Transvaal, XXIII. 516.
- SOUTHAM, town, England, XXIV. 379.
- SOUTH AMERICA, I. 669; birds of, III. 744; cattle, V. 246; coalfields, VI. 60; fishes, XII. 673; Indians, I. 89; rainfall, XVI. 153.
- SOUTHAMPTON, town, England, XXII. 282; county (Hampshire), XI. 430.
- , Earl of, Shakespeare's connexion with, XXI. 756.
- SOUTH AUSTRALIA, British colony, XXII. 283; mines, XVI. 471; newspapers, XVII. 437; railways, XX. 253; wine industry, XXIV. 611.
- SOUTH BEND, town, Indiana, U.S.A., XXII. 286.
- SOUTH CAROLINA, State, U.S.A., XXII. 286; its ordinance of nullification, XXIII. 764.
- SOUTHCOTT, Joanna, English mystic, XXII. 289.
- SOUTHDOWN SHEEP, I. 392.
- SOUTHEND, town, England, XXII. 289.
- SOUTHERNE, Thomas, Irish dramatist, XXII. 289; VII. 435.
- SOUTHEY, Caroline, English poetess, XXII. 289.
- , Robert, English poet, XXII. 289; his translation of Amadis of Gaul, I. 650; his place in English literature, VIII. 433.
- SOUTH KENSINGTON MUSEUM, London, XIV. 837.
- SOUTH ORKNEY, islands, Antarctic Ocean, XVII. 407.
- SOUTH POLAR REGION, XIX. 329.
- SOUTHPORT, town, England, XXII. 291.
- SOUTHSEA, part of Portsmouth, England, XIX. 534.
- SOUTH SEA COMPANY, VI. 221.
- SOUTH SEA FUND, English, IX. 183.
- SOUTH SEA ISLANDS, Christian missions to, XVI. 516.
- SOUTH SHETLAND, islands, Antarctic Ocean, XVII. 407.
- SOUTH SHIELDS, town, England, XXI. 802.
- SOUTHWARK, district of London, XIV. 821, 843; XXII. 693.
- SOUTHWELL, Robert, English poet, VIII. 418.
- SOUTHWOLD, town, England, XXII. 622.
- SOUESTRE, Émile, French novelist, XXII. 291.
- SOUZA, Madame de, French novelist, XVI. 829.
- SOVEREIGN, Prerogatives of the, XIX. 673.
- STATES, Relations of, in international law, XIII. 191.
- SOVEREIGNTY, in relation to law, XIV. 357; titles of, XXIII. 417.
- SOWANS, article of food, XVII. 696.
- SOW BUG, crustacean, VI. 658.
- SOWERBY, George, English conchologist, XXII. 291.
- , James, English botanical draughtsman, XXII. 291.
- BRIDGE, town, England, XXII. 291.
- SOWING, Implements for, I. 320.
- SOZINI, or Socinus (*q.v.*), XXII. 228.
- SOZOMEN, church historian, XXII. 291.
- SOZOPOLIS (Apollonia), town, Thrace, II. 186.
- SOZZINI, or Socinus (*q.v.*), XXII. 229.
- SPA, town, Belgium, XXII. 292; mineral water of, XVI. 434.
- SPACCIO, Bruno's treatise, IV. 400.
- SPACE, Knowledge of, how reached, in psychology, XX. 54; in relation to measurement, XV. 661; idea of, in Locke's philosophy, XIV. 759; in Hume's, XII. 353; in Kant's, XVIII. 851.
- SPADAITE, mineral, XVI. 414.
- SPADELLA, genus of worms, XXI. 148.
- SPAGNO, Lo, Italian painter, XXII. 292.
- SPAGNOLETTI, Lo (Giuseppe de Ribera), Spanish painter, XX. 532.
- SPAGYRISTS, school of alchemists, V. 459.
- SPAIN, XXII. 293 (including geography and statistics, 293; history, 304; language, 346; literature, 352; with index, 365); connexion of, with Phœnicia, XVIII. 806; conquest of, by Carthaginians, XX. 748, 750; conquest of, by the Romans, XX. 750, 780; Iberians of, XII. 604; Goths in, X.

- 851; Vandals in, XXIV. 58; under Sertorius, XXI. 684; conquest of, by the Arabs, II. 258; XVI. 573, 579; the Armada, II. 543; discoveries of Columbus for, VI. 172; connexion of, with Holland, XII. 74; Inquisition in, XIII. 93; invasion of Italy by (1501), XIII. 481; conquest of Mexico by, XVI. 214; invasion of, by Napoleon I., XVII. 213; Peninsular War (1808-12), IX. 616; revolt of Peru from, XVIII. 678; in time of Philip II., XVIII. 744; relations with the popedom, VI. 242; XX. 324; domination over Portugal under Philip II., XIX. 547; influence of Renaissance in, XX. 389; Wellington's campaigns in, XXIV. 495; ancient agriculture of, I. 293; Arabian philosophy in, II. 268; Gothic architecture, II. 432; army, II. 613; birds, XVIII. 17; coalfields, VI. 58; coins of (ancient), XVII. 635; coins of (modern), XVII. 655; colonies, VI. 158; colonies in America, I. 708; occupation of Canary Islands, IV. 796; drama, IV. 660; VII. 419; forests, IX. 403; Jews in, XIII. 685; libraries, XIV. 532, 549; mines, XVI. 468; newspapers, XVII. 431; observatories, XVII. 713; oyster culture, XVIII. 108; periodical literature, XVIII. 543; pottery, XIX. 622, 628; prison system, XIX. 762; railways, XX. 251; weights and measures, XXIV. 490; wine industry, XXIV. 607.
- SPAIN, Era of, V. 715.
- SPALACIDÆ, family of rodent mammals, XV. 419.
- SPALACOTHERIUM, fossil mammal, XV. 376.
- SPALATIN, George, German humanist and Reformer, XXII. 365.
- SPALATO, town, Dalmatia, XXII. 366.
- SPALDING, town, England, XXII. 367.
- , Solomon, writer of the Book of Mormon, XVI. 826.
- , William, Scottish logician and literary historian, XXII. 367; his logic, XIV. 800.
- SPALLANZANI, Lazzaro, Italian scientist, XXII. 367.
- SPANÆMIA, or Anæmia (*q.v.*), disease, XIII. 359.
- SPANDAU, town, Prussia, XXII. 368.
- SPANDREL, in architecture, II. 473.
- SPANGENBERG, August Gottlieb, bishop of the Moravian Brethren, XXII. 368.
- SPANGLE GALLS, XII. 574.
- SPANIEL, dog, VII. 328.
- SPANISH BALLADS, Lockhart's, XIV. 763.
- SPANISH DRAMA, IV. 660; VII. 419.
- SPANISH FLIES, or Cantharides, V. 31; VI. 133; XIX. 278.
- SPANISH FOWLS, I. 401.
- SPANISH GRASS, or Esparto, VIII. 547.
- SPANISH HEAD, promontory, Isle of Man, XV. 450.
- SPANISH LANGUAGE, XXII. 346; XIV. 340; XX. 668; dictionaries of, VII. 185.
- SPANISH LITERATURE, XXII. 352; early romances, XX. 653; Provençal, XIX. 872.
- SPANISH MACKEREL, fish, XV. 159.
- SPANISH MARRIAGES, Negotiation of the, XXII. 346.
- SPANISH PEPPER, vegetable, XII. 280.
- SPANISH STUDENT, Longfellow's poem, XIV. 861.
- SPANISH SUCCESSION, Question of the, VIII. 352; IX. 575; XXII. 334; war of the, III. 126; IX. 580; X. 502; XIV. 466.
- SPANISH TOWN, island, West Indies, XXIV. 261.
- SPANISH TOWN, town, Jamaica, XIII. 550.
- SPAR, mineral, XVI. 401, 415, 417.
- SPARK RECORDER, in telegraphy, XXIII. 124.
- SPARLING, or Spirling, fish, XXI. 223.
- SPARROW, bird, XXII. 369.
- SPARROW-HAWK, bird, XI. 534; skull of nestling, III. 714.
- , Kestrel, bird, XIV. 54.
- SPARS, of ships, XXI. 153, 594.
- SPARTA, state, ancient Greece, XXII. 369; XI. 93, 102; contests with the Achæan League, XVIII. 790; contests with Megalopolis, XV. 827; relations to the Olympian festivals, XVII. 766; Peloponnesian War, XVIII. 533; relations with Persia, XVIII. 576; under Cleomenes, V. 824; under Lycurgus, XV. 95; army of, II. 560; nobility, XVII. 527; slaves in, XXII. 131.
- SPARTACUS, leader of Servile War, Rome, XXII. 371; XX. 762.
- SPARTANBURG, town, South Carolina, U.S.A., XXII. 288.
- SPARTIANUS, Ælius, Augustan historian, III. 74.
- SPAS, Mineral, XVI. 433.
- SPASM, or Cramp, VI. 543.
- SPASO-MIROJSKII MONASTERY, at Psokoff, Russia, XX. 36.
- SPASSK, town, Ryazan, Russia, XXI. 116.
- , town, Tamboff, Russia, XXIII. 41.
- SPATHA, ancient Roman sword, II. 554.
- SPATHOSE IRON ORES, XIII. 287.
- SPATULA, genus of birds, XXI. 842.
- SPAWNING, of fish, IX. 244; of salmon, XXII. 224.
- SPEAKER, of House of Commons, XVIII. 311.
- SPEAKING AUTOMATA, XV. 208.
- SPEAKING TRUMPET, XXIII. 594.
- SPEAR HEADS, Ancient, II. 553.
- SPEARMINT, plant, XVI. 491.
- SPECIAL PLEADING, in law, XIX. 218.
- SPECIE, Cost of remittance of, VIII. 792.
- SPECIES, in logic and biology, XXII. 372; relation of, to genus, XXIV. 78; origin of, III. 689; VIII. 749; XXIV. 76, 817.
- SPECIES, Origin of, Darwin's book, III. 689; VIII. 749, 764; XXIV. 77, 81, 817.
- SPECIFIC GRAVITY, XII. 536; of metals, table of, XVI. 66. Compare XII. 541.
- SPECIFIC HEAT, XI. 576.
- SPECTACLES, or Eye-Glasses, XXII. 372; XVI. 258.
- SPECTATOR, serial essays by Addison, Steele, etc., I. 148; VIII. 427; XVII. 416; XVIII. 537; XXII. 528.
- SPECTRA, of metals, XXII. 375.
- SPECTRE INSECT, XIII. 152.
- SPECTRES, II. 207; in conjuring, XV. 207; mountain, XI. 399.
- SPECTROMETER, optical instrument, XVII. 800.
- SPECTROPHONE, telephonic instrument, XXIII. 130.
- SPECTROSCOPE, XXII. 373; XXIV. 425; investigation of molecules with, III. 42.
- SPECTROSCOPIC ANALYSIS, SPECTRUM ANALYSIS, XXII. 373; of the heavenly bodies, X. 215; of the aurora, III. 93; of comets, II. 815; of nebulae, II. 821; of rainband, XX. 255; of stars, II. 817; of the sun, II. 787; XXII. 645; Fraunhofer's researches in, IX. 728; Plücker's, XIX. 230.
- SPECTROSCOPY, or Spectroscopic Analysis (*q.v.*), XXII. 373.
- SPECTRUM, in optics, XIV. 592, 595, 601; colours of, VIII. 823; of star in telescope, XXIII. 141.
- EFFECTS, in photography, XVIII. 835.
- SPECULUM, telescopic metallic mirror, XXIII. 146; speculum metal, IV. 366.
- , Majus, of Vincent of Beauvais, XXIV. 235.
- JUDICIALE, Durandus's work, VII. 552.
- SPEECH, its laws and forms, XVIII. 765, 769; articulate, for deaf and dumb, VII. 8; parrot's, XVIII. 323.
- SPEECH-SOUNDS, XXII. 381; XVIII. 811.
- SPEED, in mechanics, XV. 680; of light, XXIV. 458; rates of, on railways, XX. 246, 254; of ships, law of, XXI. 810; of sound, I. 104; XXIV. 418; in telegraph signalling, XXIII. 125.
- SPEEN, village, England, XVII. 375.
- SPEGEL, Haquin, archbishop of Upsala, poet, XXII. 755.
- SPEIER (Spies, *q.v.*), town, Rhenish Bavaria, XXII. 404.
- SPEIS, alloy of nickel, XVII. 487.
- SPEKE, John Hanning, African explorer, XXII. 390; I. 247; X. 194.
- SPEKTAKEL, town, South Africa, XVII. 168.
- SPELDINGS, dried fish, I. 44.
- SPELLING, Phonetic, XVIII. 812.
- SPELMAN, Sir Henry, English antiquary, VII. 516.

- SPELT, kind of grain, xv. 309.
- SPENCER, Third Earl, English statesman, xxii. 391.
- , Charles, third earl of Sunderland, English statesman, xxii. 658.
- , Herbert, on mental association, ii. 733; on beauty, i. 224; on development, in embryology, xx. 422; on education, vii. 678; on evolution, viii. 749, 764; on evolution in the fine arts, ix. 212; on government, xi. 9, 17; on heredity, iv. 245; his metaphysics, xvi. 100; his theory of mythology, xvii. 141; on philosophy, xviii. 794; compared with Schopenhauer, xxi. 457.
- , Honora (Mrs Sharpe), on archery, ii. 377.
- , Robert, second earl of Sunderland, English statesman, xxii. 657.
- GULF, South Australia, xxii. 283.
- SPENCE'S METAL, xiii. 281.
- SPENER, Philip Jakob, German Pietist, xxii. 391; x. 532; xix. 83.
- SPENNYMOOR, town, England, xxii. 392.
- SPENSER, Edmund, English poet, xxii. 392; as pastoral poet, xviii. 345; his place in English literature, viii. 418.
- SPEOTYTO, genus of birds, xviii. 91.
- SPERANSKI, Mikhail, Russian statesman, xxi. 101.
- SPERENBERG, Prussia, Artesian well at, ii. 646.
- SPERMACETI, waxy substance from sperm whale, xxii. 395.
- OIL, or Sperm Oil, xv. 396; xvii. 744; xxiv. 529.
- WAX, xvii. 744.
- SPERMATOBlast, in animal development, xx. 412.
- SPERMATOZOA, Anatomy, physiology, and development of, xx. 411.
- SPERMOGONES, reproductive organs of lichens, xiv. 555.
- SPERM OIL, xv. 396; xvii. 744; xxiv. 529.
- SPERMOPHILUS, genus of rodent mammals, xv. 560, 418.
- SPERM WHALE, cetacean mammal, xv. 396; xxiv. 525, 528.
- SPERRIN MOUNTAINS, Ireland, xxiii. 712.
- SPEUSIPPUS, Greek philosopher, xxii. 396; i. 68.
- SPEY, river, Scotland, xxii. 397; viii. 129.
- SPEYER (Spires, *q.v.*), town, Rhenish Bavaria, xxii. 404.
- SPEZIA, town, Italy, xxii. 397.
- SPHACELOMA AMPELINUM, vine fungus, xxiv. 240.
- SPHACTERIA (Sphagia), island, Greece, xvii. 249; xvi. 52; defeat of Lacedæmonians at (425 B.C.), v. 825.
- SPHERIA (Poros), island, Greece, xix. 521.
- SPHAGIA, island, Greece, xvii. 249.
- SPHAGNACEÆ, class of mosses, xvii. 73.
- SPHAGNUM, genus of mosses, xvii. 70, 71.
- SPHAKIOTS, people of Greece, xi. 121.
- SPHARGIS, genus of chelonian reptiles, xx. 446, 449; xxiii. 457.
- SPHECOTHERES, genus of birds, xvii. 844.
- SPHENE, mineral, xvi. 425.
- SPHENISCUS, genus of birds, xviii. 492.
- SPHENOID CRYSTALS, xvi. 360.
- SPHERE, Mensuration of the, xvi. 25; Archimedes on the, ii. 380.
- , Hollow, Strength of, xxii. 606.
- SPHERICAL TRIGONOMETRY, xxiii. 565.
- SPHERICS, Theodosius's work, xxiii. 260.
- SPHEROID, Mensuration of a, xvi. 26; x. 168.
- SPHEROMETER, instrument, xxii. 397.
- SPHINX, of Egyptian and Greek mythology, xxii. 398; Egyptian, ii. 387; vii. 772; Greek, xvii. 730.
- SPHYGMOGRAPH, register of flight, ix. 311.
- , pulse measurer, xxiv. 97, 103.
- SPICE ISLANDS, Indian Archipelago, xvi. 696.
- SPICES, Adulterations of, i. 172.
- SPICULES, of sponges, xxii. 416.
- SPIDER-MONKEYS, ii. 153.
- SPIDERS, arachnids, ii. 290; red, ii. 276; xvi. 529; wolf, xxiii. 60.
- SPIDER WEBS, ii. 295; used in micro-meters, xvi. 243, 248.
- SPIEGELEISEN, manganiferous iron, xiii. 281, 350.
- SPIEGHEL, Hendrick Laurensen, Dutch writer, xii. 93.
- SPIELBERG, Moravia, Castle of, iv. 399.
- SPIELHAGEN, Frederick, German writer, x. 545.
- SPIELTRIEB, Schiller's theory of the, ix. 199.
- SPIKENARD, perfume, xxii. 398; as incense, xii. 718.
- SPINACH, vegetable, xii. 288, 285.
- SPINAL CORD, Anatomy of the, i. 865, 867; physiology of, xix. 34; diseases of, ii. 827; xvii. 115; xviii. 256, 392; in Vertebrata, xxiv. 178.
- SPINDLE, spinning apparatus, xiv. 664; xxiv. 730.
- TREE, ii. 320; oil from, xvii. 744.
- SPINE, in skeleton of Vertebrata, xxii. 110; xxiv. 178; anatomy of, in man, i. 820; curvature of, its treatment, xxii. 692.
- SPINEL, mineral, xvi. 386; xxi. 48.
- SPINELLO, Matteo, Italian writer, xiii. 501.
- ARETINO, Italian painter, xxii. 399.
- SPINET, musical instrument, xix. 67.
- SPINNING, of textiles, xxiv. 730.
- JENNY, Invention of the, ii. 541; vi. 490.
- SPINNING ORGANS, in spiders, ii. 295.
- SPINNING-WHEEL, xxiv. 730; xiv. 664.
- SPINOLA, Ambrogio, Marchese di, Italian general, xxii. 399.
- SPINOZA, Baruch, Dutch-Jewish philosopher, xxii. 399; his development of Cartesianism, v. 152; on evolution, viii. 748, 759; his testimony to Jesus Christ, xiii. 669; on the nationality of the Jews, xiii. 431; on the Penta-teuch, xviii. 505; Jacobi's letters on, xiii. 537.
- SPIRALS, Archimedes on, ii. 380.
- SPIRDING SEE, lake, Prussia, xx. 19.
- SPIRE, in architecture, ii. 473; iv. 475.
- SPIRES, town, Rhenish Bavaria, xxii. 404; diet of (1526), xv. 80; xx. 329; Melancthon at diet, xv. 834; diet of (1529), xv. 80; edicts of, x. 498; observatory at, xvii. 713.
- SPIRIALIS, genus of Mollusca, xvi. 665.
- SPIRIFERIDÆ, family of Brachiopoda, iv. 195.
- SPIRILLUM, minute vegetable organism, xxi. 399; its presence in relapsing fever, xxiii. 680.
- SPIRIT CIRCLES, spiritualistic gatherings, xv. 204; xxii. 405.
- SPIRIT COLOURS, for calico printing, iv. 693.
- SPIRIT FRESCO, in wall decorations, xvii. 47.
- SPIRITISM, or Animism, primitive religion, ii. 55; xx. 367.
- SPIRIT-LEVEL, xxii. 718, 720.
- SPIRIT MEDIUMS, xv. 204; xxii. 405.
- SPIRIT-RAPPING, ii. 207; vii. 64; xxii. 405.
- SPIRIT READING AND WRITING, conjuring tricks, xv. 208.
- SPIRITS, notions of their existence, ii. 202.
- , Alcoholic, Adulteration of, i. 173; defuselation of, ix. 853; distillation of, vii. 264; hydrometers for, xii. 538.
- , Animal and vital, in ancient philosophy, xix. 10; xxiv. 95.
- SPIRITUAL EXERCISES, Jesuit manual, xiii. 645.
- SPIRITUALISM, Modern, xxii. 404; ii. 207; alleged, of Socrates, xxii. 233.
- SPIRITUALISTIC THEORY, of man's nature, ii. 109. See Soul.
- SPIRITUOUS LIQUORS, Percentages of alcohol in, i. 470.
- SPIRIT WORSHIP, in relation to mythology, xvii. 145.
- SPIROMETER, for measuring air from the lungs, xx. 477.
- SPIROBIS, genus of Annelida, ii. 68.
- SPITALFIELDS, district of London, xiv. 847.
- REFUGEES, friendly society, ix. 781.
- SPITSKOP, mountain, South Africa, xxiii. 517.

- SPITTA, Karl Johann Philipp, German hymns by, XII. 588.
- SPITTAL, town, England, III. 610.
- SPITTLER, Ludwig Timotheus, German historian, X. 543.
- SPITZBERG, mountain, Germany, VIII. 533.
- SPITZBERGEN, islands, Arctic Sea, XXII. 407; XVII. 593; XIX. 317; exploration of, X. 196; seal fisheries of, XXI. 582; whale fishery, XXIV. 527.
- SPIX, Johann Baptist von, German naturalist, XV. 586; on Brazilian fishes, I. 275.
- SPLEEN, of mammals, XV. 365; in man, diseases of, XV. 317; XVIII. 376; surgical treatment of, XXII. 691.
- , disease, XII. 598.
- SPLENDID SHILLING, The, John Philips's poem, XVIII. 754.
- SPLenic APOPLEXY, cattle disease, XVII. 58.
- SPLICING, of ropes, XXI. 592; seamen's splices, XXI. 590.
- SPLINT-BONE, of the leg, I. 829.
- SPODUMENE, mineral, XIV. 697; XVI. 416.
- SPOHR, Ludwig, German violinist and composer, XXII. 410; as symphonist, XVII. 97.
- SPOKANE, river, Washington Territory, U.S.A., XXIV. 386.
- FALLS, town, Washington Territory, U.S.A., XXIV. 387.
- SPOLETO, town, Italy, XXII. 412; aqueduct near, II. 221.
- SPONDYLUS, genus of Mollusca, XVI. 693.
- SPONGES, XXII. 412; XIX. 859; histology of, XII. 6; skeletal structures of, XXII. 106; distribution of, VII. 277, 283.
- SPONGY METAL, carbonized iron, XIII. 336.
- SPONHEIM, Prussia, Library of, XIV. 514.
- SPONSOR, in law, XXII. 429.
- SPONTANEITY, Bain's doctrine of, XX. 43.
- SPONTANEOUS GENERATION, I. 49; XIV. 232, 411.
- SPONTINI, Gasparo Luigi Pacifico, Italian composer, XXII. 429.
- SPOOL, of thread, VI. 502.
- SPOONBILL, bird, XXII. 430; XXI. 842.
- SPOONS, Wooden, Manufacture of, III. 697.
- SPORADES, islands, Greek Archipelago, XXII. 431; coins of, XVII. 644.
- SPORANGIA, reproductive organs in plants, XX. 424; of ferns, IX. 104.
- SPORES, reproductive organs in plants, I. 508; IX. 101; XX. 423; of Schizomycetes, XXI. 402.
- SPOROgonium, or Sporophore, in plant reproduction, IX. 100; XVII. 65; XX. 430.
- SPOROzoa, class of Protozoa, XIX. 852.
- SPORTS, The Book of, King James I.'s, XXII. 431.
- SPOTSWOOD, or Spotiswood, John, archbishop of St Andrews, XXII. 431.
- SPOTTISWOODE, William, English mathematician and physicist, XXII. 431.
- SPRAIN, bodily injury, XXII. 652, 685.
- SPRAT, fish, XXII. 432; XII. 694; as whitebait, XXIV. 550; fishery, IX. 255.
- SPRAT-LOON, bird, XV. 2.
- SPREE, river, Germany, III. 593.
- SPREEWALD, district, Germany, X. 449.
- SPREMBERG, town, Prussia, XXII. 432.
- SPRENGEL, Carl, on the potato, XIX. 594.
- , Kurt, German botanist and physician, XXII. 432.
- SPRENGEL'S AIR-PUMP, XVI. 31.
- SPRING, see article Elasticity; of watch, XXIV. 394.
- AND AUTUMN ANNALS, Chinese work, V. 661.
- SPRING-BALANCE, III. 261.
- SPRINGBOK, antelope, II. 101.
- SPRINGBOKFONTEIN, town, Namaqualand, South Africa, XVII. 168.
- SPRING CLOCKS, VI. 24.
- SPRINGER, in architecture, II. 473.
- SPRINGETT, Gulielma, wife of William Penn, XVIII. 494.
- SPRINGFIELD, town, Illinois, U.S.A., XXII. 432.
- , town, Massachusetts, U.S.A., XXII. 433.
- , town, Missouri, U.S.A., XXII. 433.
- , town, Ohio, U.S.A., XXII. 433.
- SPRINGING BEETLE, VI. 132.
- SPRING LAKE, town, New Jersey, U.S.A., XVII. 397.
- SPRINGS, of water, X. 223, 270; XXIV. 403; mineral springs, XVI. 431; XXIV. 399.
- SPRING TIDE, XXIII. 353.
- SPRINTING, in running, XXI. 61.
- SPROSSER, bird, XVII. 499.
- SPRUCE, tree, IX. 222; II. 316, 320; of United States, XXIII. 809.
- SPUN SILK, XXII. 62.
- SPURGE-LAUREL, plant, XIV. 349.
- SPURED RYE, or Ergot, VIII. 521; IX. 834.
- SPURS, Day of the, battle (1302) near Courtrai, Belgium, IX. 544.
- SPURZHEIM, Johann Kaspar, phrenologist, XXII. 433; XVIII. 844; X. 37.
- SPUYTEN DUVIL CREEK, New York, U.S.A., XVII. 457.
- SPUZH, town, Montenegro, XVI. 781.
- SPYES DE ORTHENBERG, early German printer, XXIII. 685.
- SQUALODONTIDÆ, family of fossil Cetacea, XV. 397.
- SQUARCIONE, Francesco, Italian painter, XV. 501.
- SQUARE, Magic, XV. 213.
- ROOT, in algebra, I. 528; in arithmetic, II. 532.
- SQUARES, Tables of, XXIII. 8.
- SQUARING OF THE CIRCLE, XXII. 433.
- SQUASH, gourd, XI. 4.
- SQUATAROLA, genus of birds, XIX. 227.
- SQUEEZERS, in iron manufacture, XIII. 327.
- SQUIB, in pyrotechny, XX. 136.
- SQUID, cuttle-fish, XXI. 609.
- SQUILL, medicinal plant, XXII. 437.
- SQUILLACI, Count, minister of Charles III. of Spain, XXII. 341.
- SQUINT, in architecture, II. 473.
- SQUINTING, ocular defect, XVII. 785; spectacles for, XXII. 372.
- SQUIRE, in feudal times, XIV. 117.
- SQUIRREL, rodent mammal, XXII. 437; XV. 418; skins of, IX. 839.
- SQUIRTING CUCUMBER, VII. 825.
- SRAVASTI, ancient town, India, XVIII. 73.
- SRIDHARA DASA, compiler of anthology of Sanskrit poetry, XXI. 286.
- SRINAGAR, town, Kashmir, XIV. 11.
- SRIRANGAM (Seringham), town, India, XXII. 438.
- SRIRANGAPATAM (Seringapatam), town, India, XXI. 682.
- SRIVILLIPUTUR, town, India, XXIII. 405.
- SRONG-BTSAN SGAM-PO, or Strong Tsan Gampo, Tibetan king, XXIII. 345; XIV. 228, 502.
- SRYETENSK, town, Transbaikalia, Russia, XXIII. 511.
- SSE, ancient Asiatic people, XVIII. 593, 599.
- STAAL, Baronne de, French memoir writer, XXII. 439.
- STABILI, Francesco degli, mediæval Italian writer, V. 282.
- STABILITY, of forms of matter, VI. 313.
- , of buildings, IV. 447; XV. 750; of ships, XXI. 812, 597.
- STABLE MANAGEMENT, XII. 192.
- STABROEK, or Georgetown, town, British Guiana, X. 430.
- STACKING, of corn, I. 363.
- STACTE, incense, XII. 718.
- STADE, town, Germany, XXII. 439.
- STADION, Count, Austrian statesman, XVI. 199.
- STADIUM, or Stadion, for gymnastic contests, at Athens, III. 7; at Olympia, XVII. 768; at Rome, XX. 824.
- STÄDJAN, mountain, Sweden, XXII. 736.
- STADLER, Rodolph, English martyr in Persia, XVIII. 638.
- STADT-AM-HOF, suburb of Ratisbon, Bavaria, XX. 291.
- STAEL, Madame de (Anne L. G. Necker, Baroness of Stael-Holstein), French authoress, XXII. 439; IX. 672, 673; XVII. 312.
- STAEL-HOLSTEIN, Baron de, Swedish minister, XXII. 439.

- STAEFORD (Stamford), ancient town, England, XXII. 446.
- STAFF, in army organization, II. 567; of British army, II. 577.
- STAFFORD, county, England, XXII. 442; coalfields, VI. 50, 51; pottery ware, XIX. 631; town, XXII. 443.
- , William, English economist, XIX. 356.
- STAG, deer, VII. 23; XV. 432.
- BEETLE, VI. 131.
- STAGE, in architecture, II. 473.
- , of a theatre, early English, VIII. 420; modern arrangements of, XXIII. 226.
- PLAYS, Licensing of, XIX. 711.
- STAGE-RIGHT, in relation to copyright, VI. 361, 367.
- STAGHOUND, VII. 339.
- STAG-HUNTING, XII. 394.
- STAGIRA, or Stageira, town, Macedonia, birthplace of Aristotle, II. 511.
- STAGNELIUS, Erik Johan, Swedish poet, XXII. 757.
- STAHL, Georg Ernst, German chemist and physician, XXII. 444; v. 460; XV. 812; on fermentation, IX. 94; his theory of the soul, II. 55.
- STAIGUE FORT, Kerry, Ireland, XIV. 52.
- STAINED GLASS, Manufacture of, X. 666, 667.
- STAINER, Jacob, violin maker, XXIV. 245.
- STAIR, First Viscount, Scottish jurist and statesman, XXII. 444.
- , First Earl of, Scottish lawyer and politician, XXII. 446.
- , Second Earl of, British field-marshal, XXII. 446.
- STAIRS, in houses, IV. 454, 473, 497.
- STAKE, Hill of, Scotland, XX. 395.
- STALACTITES, Formation of, v. 266; in cavern of Adelsberg, Austria, I. 151; in Luray Cavern, United States, XV. 67.
- STALAGMITE MARBLES, XV. 529.
- STALAGMITES, Formation of, v. 266; in Luray Cavern, United States, XV. 67.
- STALIMENE (Lemnos), island, Ægean Sea, Turkey, XIV. 436.
- STALL, in architecture, II. 472.
- , in stable management, XII. 193.
- STALYBRIDGE, town, England, XXII. 446.
- STAMBOUL, or Constantinople (*q.v.*), VI. 303.
- STAMEN, of plants, IV. 135; XX. 424.
- STAMFORD, town, Lincolnshire, England, XXII. 446; newspapers of, XVII. 421.
- , town, Connecticut, U.S.A., XXII. 447.
- BRIDGE, Yorkshire, England, Battle of (1066), VIII. 291; XI. 486.
- STAMMERING, defect of speech, XXII. 447.
- MICTURITION, XXIV. 191.
- STAMP ACT, English, of 1712, its effect on newspapers, XVII. 416; of 1765, I. 708; its effect in American colonies, VIII. 357, 358; XXIII. 737.
- STAMP-COLLECTING, XIX. 588.
- STAMPS, STAMP DUTIES, XXII. 448.
- , Postage, XIX. 585; collection of, XIX. 588.
- STANCHES, on rivers, XX. 573.
- STANCHIO (Cos), island, Asia Minor, VI. 444.
- STANCHION, in architecture, II. 473.
- STAND (Whitefield), town, England, XXIV. 551.
- STANDARD, London newspaper, XVII. 419.
- , Battle of the (1138), England, XXI. 483.
- BAR, Expansion of, in surveying, XXII. 697.
- STANDARDS, of area, XXIV. 485; of length, XXIV. 483; of volume, XXIV. 485; of weight, XXIV. 486.
- , Military, IX. 276.
- STANDARD UNIT OF VALUE, for money, XVI. 730, 735.
- STANDGALE, bird, XIV. 53.
- STANDING ARMIES, Rise of, II. 564.
- STANFIELD, William Clarkson, English painter, XXII. 449.
- STANHOPE, Third Earl, English politician and scientist, XXII. 449.
- , Lord, English postmaster, XIX. 563.
- , Lady Hester Lucy, companion of William Pitt, XXII. 449.
- , Philip Dormer, fourth earl of Chesterfield, v. 606.
- STANISLAU, town, Galicia, Austria, XXII. 450.
- STANISLAUS, or Stanislaw, St. of Poland, his murder, XIX. 286.
- , or Stanislaw Leszczynski, king of Poland, XXII. 450; IX. 585; XVII. 171; XIX. 297.
- AUGUSTUS, of Poland, XXII. 450; XIX. 298, 453.
- STANKO, town, Cos, Asia Minor, VI. 444.
- STANLEY, town, Falkland Islands, IX. 14.
- , Arthur Penrhyn, dean of Westminster, XXII. 450.
- , Edward Geoffrey Smith, earl of Derby, VII. 109; VIII. 366.
- , Henry M., African explorer, I. 248; X. 195; his search for Livingstone, XIV. 722.
- POOL, lake, Congo river, Africa, XXIV. 765.
- STANNARY COURTS, Cornwall, England, VI. 426.
- STANNEL, bird, XIV. 53.
- STANNITE, mineral, XVI. 393.
- STANNIUS, on reptiles, XX. 437.
- STANNOUS COMPOUNDS, in chemistry, XXIII. 401.
- STANS FORELAND, island, Spitzbergen, XXII. 408.
- STANTHORPE, tin mines, Queensland, XX. 173.
- STANTON, Edwin M'Masters, American statesman, XXII. 455.
- STANZ, town, Switzerland, XXII. 778; XXIII. 858.
- STANZA, in poetry, XIX. 271.
- STAPHYLOMA, eye disease, XVII. 781.
- STAPLES, Bishop, of Meath, XIII. 263.
- STAPLING, Wool, XXIV. 656.
- STAPULENSIS (Jacobus Faber), French Protestant writer, VIII. 835.
- STAR, II. 744. See Stars.
- STAR-ANISE, incense, XII. 718.
- STARAYA RUSSA, town, Russia, XXII. 455; fair of, XVII. 607.
- STAR CATALOGUE, of Hipparchus, II. 749; Ulugh Bey's, II. 751; XXIII. 722; Sir W. Herschel's, XI. 765; Sir John Herschel's, XI. 769; Hessian, XXIV. 582. See also article Observatory.
- STARCH, XXII. 455; XIX. 54; in plants, IV. 88; XII. 12; in lichens, XIV. 558; in malt, XV. 338; in nutrition, XVII. 676. See also article Dietetics.
- STAR-CHAMBER, English court of justice, XXII. 456; v. 405; VIII. 341.
- STARCHING, in bleaching, III. 817.
- STARCH SUGAR, or Grape Sugar, XXII. 628.
- STAR-FISHES, VII. 632; XVI. 844.
- STAR-FORTS, IX. 434, 439.
- STARGARD, town, Prussia, XXII. 457.
- STARING, Antoni Christiaan, Dutch poet, XII. 98.
- STARITSA, town, Russia, XXIII. 672.
- STARKWEATHER, G. B., his theory of sex, XXI. 722.
- STARLING, bird, XXII. 457.
- , The, Norman Macleod's work, XV. 163.
- STAROBYELSK, town, Russia, XIV. 57.
- STARODUB, town, Russia, XXII. 458.
- STAR OF INDIA, Order of the, XIV. 124.
- STARO-KONSTANTINOFF, town, Russia, XXII. 458.
- STAR PEAK, mountain, Great Basin, U.S.A., XXIII. 798.
- STAR-ROUTES, mail scandals, United States, XXIII. 783.
- STARS, II. 744, 823; evolution of, XXII. 651; velocity of light from, XIV. 586; classification of, according to, magnitude, XVIII. 840; measurements of, XVI. 250; new and variable, XXII. 651; parallax of, XVIII. 252; photometry of, XVIII. 840; their position as seen from the earth, X. 198; shooting, XVI. 106, 110; spectroscopic analysis of, II. 817; X. 215; XXII. 651; the sun considered as a star, XXII. 645.
- STARTER, Jan Janssen, Dutch poet, XII. 94.
- STARVATION, VII. 208; death from, XV. 781.
- STAR-WORSHIPPERS, XXI. 128; I. 697; XX. 364.

- STASSFURT, town, Prussia, XXII. 458; salt mines of, XXI. 231.
- STASSFURTITE, mineral, XVI. 396.
- STASZOW, town, Poland, XX. 218.
- STATE, The, its relation to the church, v. 758.
- , Great officers of, England, XXII. 458.
- CHURCHISM, Calvin's theory of, XIX. 677.
- STATEN ISLAND, New York, U.S.A., XXII. 460; XVII. 459.
- STATEN ISLAND, Tierra del Fuego, XXIII. 383.
- STATE LOANS, XVII. 243.
- STATE PAPER OFFICE, England, XX. 314.
- STATE PAPERS, XX. 310.
- STATER, Greek money, XVII. 632.
- STATES, Sovereign, XIII. 191.
- STATES-GENERAL, of France, IX. 544; 546, 552, 560, 562; of Paris (1614), IX. 566; in 1787, IX. 596; in 1789, IX. 596; XX. 602; Mirabeau's influence in, XVI. 945.
- , of Holland, XII. 73.
- STATESMAN, The (Politician), Plato's dialogue, XIX. 207.
- STATESMEN, landowners, Cumberland, England, VI. 698.
- STATES OF THE CHURCH, Italy, XXII. 460.
- STATE SOVEREIGNTY, American, XXIII. 741, 746, 750, 756, 763, 774.
- STATICS, division of dynamics, XIX. 2; XV. 728, 738.
- STATIELLI, Ligurian tribe, Italy, XIII. 446.
- STATIONERS' COMPANY, London, IV. 39; their almanacs, I. 591.
- STATIONERS' HALL, London, Copyright registry at, VI. 358.
- STATIONERY, XXII. 460.
- STATIONS, Railway, XX. 234.
- STATIRA, wife of Alexander, I. 484; XV. 142.
- , Persian princess, XVIII. 576.
- STATISTICAL SOCIETIES, XXII. 226.
- STATISTICS, XXII. 461.
- STATIUS, Cæcilius, Roman dramatist, VIII. 448.
- , Publius Papinius, Roman poet, XXII. 466; XX. 726.
- STATUARY, methods of its production, XXI. 571; in bronze, XVI. 72; IV. 366; in terra-cotta, XXIII. 193, 194.
- STATURE, as indication of race, II. 111.
- STATUTE, in law, XXII. 468; in Roman law, XX. 670.
- MERCHANT, form of security, XXII. 471.
- OF LABOURERS, XIV. 168.
- OF TREASONS, XXIII. 527.
- OF USES, XX. 403.
- STATUTES OF ELTHAM, XXI. 36.
- STATUTE STAPLE, form of security, XXII. 471.
- STAUBBACH, waterfall, Switzerland, XXII. 777.
- STAUNTON, town, Virginia, U.S.A., XXII. 471.
- , Howard, Shakespearian scholar and writer on chess, XXII. 471; as chess-player, v. 603.
- STAUPITZ, Johann von, Augustinian vicar-general, XV. 71.
- STAUACHIOS, Byzantine metal-worker, XVI. 74.
- STAUACIUS, son of emperor Nicephorus I., XVII. 481.
- STAUROLITE, mineral, XVI. 408.
- STAUROTYPIDÆ, family of chelonian reptiles, XXIII. 457.
- STAVANGER, town, Norway, XXII. 471.
- STAVROPOL, government, Russia, XXII. 472; town, XXII. 472; XXI. 243.
- STEALING, in law, XXIII. 231.
- STEAM, Definition of, XI. 560; properties of, XXII. 483; VIII. 729; pressures of, at different temperatures, XI. 585; influence of its applications in commerce, VI. 206; Evans's application of, to land carriages, VIII. 726.
- STEAMBOAT, XXII. 478. See Steam-Ships.
- STEAM COLOURS, for calico printing, IV. 690.
- STEAM ENGINES, XXII. 473 (index, 526); Watt's invention of, XXIV. 412; use of, by Boulton, IV. 172; Murdock's improvements on, XVII. 53; Papin's experiments with, XVIII. 229; Trevithick's improvements on, XXIII. 554.
- STEAM-HAMMER, XI. 425; for iron forging, XIII. 328.
- STEAM-POUGH, I. 313.
- STEAM-SHIPS, XXI. 823; invention of, III. 542; IX. 270, 817; XXII. 478; engines for, XXII. 517; of British navy, XVII. 284.
- STEAM-THERMOMETERS, XI. 560, 568.
- STEARINE, or Stearin, mixture of fatty acids, XXII. 527, 202; XVII. 740; XXIII. 35; candles from, IV. 803; solar, XIV. 312.
- STEATITE, mineral, XVI. 414.
- STEATORNIS, genus of birds, XI. 227.
- STEEL, XIII. 278; compressibility and rigidity of, VII. 815; fracture of, XXII. 600; industry in United States, XXIII. 813; magnetization of, XV. 223, 260; strength of, XXII. 603; VII. 816; its use in building ships of war, XVII. 288; statistics of manufacture, XIII. 358.
- STEELBOYS RISING (1772), Ireland, XIII. 269.
- STEELE, Anne, English hymn-writer, XII. 593.
- , Sir Richard, English dramatist and essayist, XXII. 527; as dramatist, VII. 436; his place in English literature, VIII. 426, 427; Addison's connexion with, I. 148.
- STEEL-PENS, XVIII. 483; manufacture of, in Birmingham, III. 784.
- STEEL PLATE ENGRAVING, VIII. 439.
- STEEL WIRE, XXIV. 615.
- STEEL-YARD, weighing machine, III. 267.
- , Merchants of the, Hanse merchants in England, XXII. 528; XV. 32.
- STEEN, Jan Havicksz, Dutch painter, XXII. 529.
- STEEPLE, in architecture, II. 473.
- STEEPLE-CHASING, sport, XII. 203.
- STEERS ISLAND, Indian Archipelago, XXII. 653.
- STEFAN, Josef, on the diffusion of gases, XVI. 619.
- STEFANO, Tommaso, Italian painter, X. 608.
- STEFFANI, Agostino, Italian ecclesiastic, diplomatist, and composer, XXII. 529.
- STEFFENS, Henrik, Danish writer, VII. 92; XVII. 730.
- STEGOSAURIA, order of fossil reptiles, XX. 443.
- STEGOSTOMA, genus of sharks, XXI. 775.
- STEIBELT, Daniel, German pianist and composer, XXII. 530.
- STEIER, town, Austria, XXII. 547.
- STEIERMARK (Styria), duchy, Austria, XXII. 613.
- STEIN, Charlotte von, friend of Goethe, X. 728.
- , Heinrich Friedrich Karl, Baron von, German statesman, XXII. 530; XX. 11.
- , Johann Andreas, German pianoforte maker, XIX. 72.
- STEINAMANGER, town, Hungary, XXII. 531.
- STEINBART, Gotthilf Samuel, German rationalist, XX. 290.
- STEINBOC, ungulate mammal, XII. 605.
- STEINER, Jakob, Swiss geometrician, XXII. 531.
- STEINHEIL, Karl August, his electric telegraph, XXIII. 113; his micrometer, XVI. 251.
- STEINHEILITE, mineral, XVI. 418.
- STEINHUDER MEER, lake, Hanover, Germany, XI. 446.
- STEINITZ, Wilhelm, German chess-player, v. 602.
- STEINWAY, Henry Engelhard, pianoforte maker, XIX. 77.
- STELIS, plant, XVI. 527.
- STELLA, wife of Pontano, Italian poet, XIX. 454.
- (Esther Johnson), friend of Dean Swift, XXII. 763.
- , Goethe's play, X. 727.
- STELLAR PARALLAX, XVIII. 252.
- STELLETTA, genus of sponges, XXII. 415.
- STELLO, De Vigny's book, VII. 136.
- STELVIO PASS, North Italy, XXIV. 45.
- STEM, in plants, IV. 95.
- STENA, pass, in Macedonia, XV. 137.

- STENCILLING, in house-painter's work, IV. 512.
- STENDAL, town, Prussia, XXII. 532.
- STENDHAL, De (Marie Henri Beyle), French writer, III. 621.
- STENERSEN, Peder Cristofer, Norse poet, XVII. 590.
- STENHOUSEMUIR, town, Scotland, XXII. 554.
- STENIA, Greek festival, XXIII. 295.
- STENKIL, Swedish king, XXII. 745.
- STENNESS, Stones of, Orkney, Scotland, XVII. 848; XXI. 51.
- STENO, Michele, Venetian nobleman, IX. 12.
- , Nicolaus, Danish anatomist, I. 810; on crystals, VI. 672.
- STENODERMATA, group of bats, XV. 414.
- STENOGRAPHY, or Shorthand Writing, XXI. 836; in ancient MSS., XVIII. 164.
- STENOPHONOGRAPHY, A. Melville Bell's shorthand system, XXI. 840.
- STENORHYNCHINÆ, subfamily of carnivorous mammals, XV. 443.
- STENOSTOMA, genus of snakes, XXII. 192; XX. 454.
- STENOSTOMATA, group of Actinozoa, I. 132.
- STENYCLARUS, town, Messenia, Greece, XVI. 53.
- STEPHANITE, mineral, XVI. 395; XXII. 69.
- STEPHANOCEROS, genus of Rotifera, XXI. 4.
- STEPHANOVICH, Vuk, Servian writer, XXI. 691.
- STEPHAN'S COMET, VI. 193.
- STEPHANURUS DENTATUS, animal parasite, XXIV. 206.
- STEPHANUS, Roman sculptor, II. 366.
- , Estienne, or Stephens, French family of scholars and printers, XXII. 534.
- BYZANTIUS, Greek writer, XXII. 532.
- STEPHEN, St, of Scripture, XXII. 532.
- , St, of Thiers, founder of order of Grandimontanes, XI. 47.
- I., pope, XXII. 532.
- II., pope, XXII. 532; XX. 785.
- III., pope, XXII. 533; XIX. 495.
- IV., pope, XXII. 533; XX. 786.
- V.-VI., popes, XXII. 533.
- VII., pope, XXII. 533; XIX. 497.
- VIII., pope, XXII. 533.
- IX., pope, XXII. 533; XIX. 497; XX. 791.
- , king of England, XXII. 533; VIII. 302.
- I., king of Hungary, XII. 367.
- , the Great, voivode of Moldavia, XXI. 19.
- , leader of the children's crusade, VI. 627.
- STEPHEN, Sir James, English historical writer, XXII. 534.
- BAR SUDH-AILE, Syriac writer, XXII. 832.
- DUSHAN, king of Servia, XXI. 688.
- NEMENYA, king of Servia, XXI. 688.
- STEPHENS, or Estienne, French family of scholars and printers, XXII. 534.
- , Alexander Hamilton, American statesman, XXII. 536; XXIII. 773.
- , James, Fenian leader, XIII. 271.
- , James Francis, on birds, XVIII. 13.
- , John Lloyd, American traveller, XXII. 536; on ancient American buildings, II. 450; on ruined cities of Central America, I. 693.
- , Thomas, first English visitor to India, XII. 798.
- STEPHENSON, George, English engineer, XXII. 537; his application of steam to locomotives, XXII. 478; promoter of railways, XX. 224.
- , Robert, English engineer, XXII. 537; engineer of Britannia Bridge, IV. 334; promoter of railways, XX. 225.
- STEPPE, of Spain, XXII. 297.
- , Region of the, Russia, XXI. 77.
- STERADIAN, unit of measurement of solid angles, XVI. 25.
- STERCORARIUS, genus of birds, XXII. 125.
- STEREOCHROMY, process of painting, XXII. 54.
- STEREOGNATHUS, fossil mammal, XV. 376.
- STEREOMETER, hydrometer for soluble bodies, etc., XII. 542.
- STEREOSCOPE, optical instrument, XXII. 537; Porta's anticipation of, XIX. 526; lenticular, Brewster's, IV. 276; reflecting, Wheatstone's, XXIV. 588.
- STEREOSCOPIC MICROSCOPE, XVI. 272.
- STEREOTYPING, in printing, XXIII. 702; invention of, X. 127; V. 27; revival of, VII. 196.
- STERILITY, Human, XV. 778.
- STERLET, fish, XXII. 612.
- STERLING, town, Illinois, U.S.A., XXII. 541.
- , Captain Edward, English journalist, XVII. 418; XXII. 541.
- , John, English author, XXII. 541.
- MONEY, XVII. 656.
- STERLITAMAK, town, Russia, XXIII. 717.
- STERNA, genus of birds, XVII. 531; XXIII. 189.
- STERNBERG, town, Moravia, Austria, XXII. 541.
- STERNBERGITE, mineral, XVI. 393.
- STERNE, Laurence, English humorist, XXII. 541; his place in English literature, VIII. 431.
- STERNHOLD, Thomas, translator of the Psalms, XII. 589.
- STERNUM, Anatomy of the, I. 822; XXII. 112; of Amphibia, I. 752; of birds, III. 720; XVIII. 23; of mammals, XV. 358.
- STESICHORUS of Himera, Greek poet, XXII. 543, 16.
- STETHOMETER, STETHOGRAPH, for measuring movements of the chest, XX. 477.
- STETHOSCOPE, medical instrument, III. 100; its invention, XIV. 200; XV. 816.
- STET PROCESSUS, in law, XIX. 789.
- STETTIN, town, Prussia, XXII. 543.
- STEUART (Stuart, *q.v.*), Scottish royal family, XXII. 609.
- , Sir James Denham, Scottish political economist, XXII. 544; XIX. 365.
- STEUBEN, Baron von, German-American general, XXIII. 790.
- STEUBENVILLE, town, Ohio, U.S.A., XXII. 544.
- STEVENS, Alfred, English sculptor, XXI. 561.
- , Thaddeus, American politician, XXII. 544.
- STEVENSON, Alan and Thomas, their lighthouse improvements, XIV. 620, 621.
- , David, Scottish civil engineer, XXII. 545; on reclaiming marsh lands, I. 405.
- , Elizabeth Cleghorn (Mrs Gaskell), English novelist, X. 103.
- , John Hall, English humorist, XXII. 542.
- , Robert, Scottish civil engineer, XXII. 545.
- STEVINUS, Simon, Dutch mathematician, XXII. 545; on decimals, II. 526.
- STEWART, Lord High, England, XXII. 458.
- , Royal, England, XXI. 37.
- STEWART, or Stuart (*q.v.*), Scottish royal family, XXII. 609.
- , Balfour, on radiation of heat, XX. 214.
- , Dugald, Scottish philosopher, XXII. 546; his ethics, VIII. 604; on the sublime, I. 223; his place in English literature, VIII. 432.
- , Fanny, her relations to Charles II., V. 806.
- , J. C., on fly fishing, II. 36.
- , Matthew, Scottish mathematician, XXII. 546.
- , Robert, second marquis of Londonderry, XIV. 853.
- ISLAND, New Zealand, XVII. 466.
- STEWING, of meat, VI. 333.
- STEYR, or Steyer, town, Austria, XXII. 547.
- STIBICONITE, mineral, XVI. 388.
- STIBNITE, mineral, II. 129; XVI. 394.
- STICHOMETRY, in ancient MSS., I. 496; XVIII. 163.

- STICKLEBACK, fish, XXII. 548; parasite of, XXIII. 540.
- STICKNEY, Sarah (Mrs Ellis), English writer, VIII. 150.
- STIFFNESS, of a structure, XV. 750, 752. See also Rigidity.
- STIGMA, of plants, IV. 144.
- STIGMATIZATION, XXII. 548; of St Catherine of Siena, V. 230; of St Francis of Assisi, IX. 692.
- STILBITE, mineral, XVI. 423.
- STILICHO, Flavius, Roman general, XXII. 550; I. 442; XX. 780; XXI. 113; XXIII. 258.
- STILL, for distillation, VII. 265.
- , John, bishop of Bath and Wells, English dramatist, XXII. 550.
- STILLING, Heinrich (Johann Heinrich Jung), German mystic, XIII. 774; X. 541.
- STILLINGFLEET, Edward, bishop of Worcester, XXII. 551; his criticism of Locke, XIV. 754.
- STILLWATER, town, Minnesota, U.S.A., XXII. 551.
- STILL WATERS RUN DEEP, Taylor's comedy, XXIII. 96.
- STILPNOMELANE, mineral, XVI. 415.
- STILT, bird, XXII. 551.
- STILTON CHEESE, V. 456.
- STILT-WALKERS, of Lincolnshire, England, XIV. 653.
- STIMULANTS, in diet, VII. 205; their relation to intoxicants, VII. 482.
- STING-RAY, fish, XX. 299.
- STINK-BIRD, XII. 28.
- STINK-POT, bird, XVIII. 712.
- STINT, bird, XXI. 260.
- STIPULATÆ, subclass of ferns, IX. 105.
- STIPULATION, in Roman law, XX. 694, 699, 709.
- STIPULES, of leaves, IV. 114.
- STIRABOUT, of oatmeal, XVII. 696.
- STIRLING, county, Scotland, XXII. 553; coalfield, VI. 53.
- , town, Scotland, XXII. 554; battle of (1297), XXI. 487.
- , Earl of (Sir William Alexander), Scottish poet and American colonist, I. 493; XV. 301.
- , James, joint-inventor of an air-engine, I. 428; XXII. 522.
- , James, Scottish mathematician, XXII. 555.
- , Mr, his experiments on the germination of grass seeds, I. 370.
- , Robert, his heat-regenerator, XXII. 483; joint-inventor of an air-engine, I. 428.
- CASTLE, Scotland, XXII. 555.
- STIRLING-MAXWELL, Sir William, Scottish man of letters, XV. 647.
- STITNY, Thomas of, Bohemian writer, XXII. 151.
- STJERNHJELM, Georg, Swedish poet, XXII. 754.
- STLIFANOS (Sliven), town, East Roumelia, Turkey, XXII. 160.
- STOA PÆCILE, portico, ancient Athens, III. 4; XXII. 561.
- STOAT, carnivorous mammal, VIII. 526; XV. 440; XIX. 331.
- STOBÆUS, Joannes, compiler of Greek extracts, XXII. 556.
- , Kilian, Swedish naturalist, XIV. 672.
- STOBI, town, Macedonia, XV. 137.
- STOCKADE, in fortification, IX. 424.
- STOCKBROKING, XXII. 557.
- STOCKDALE, Erskine's defence of, VIII. 530.
- VERSUS HANSARD, English libel case, IV. 758.
- STOCK-DOVE, VII. 379.
- STÖCKER, A., German socialist, XXII. 216.
- STOCK EXCHANGE, XXII. 556.
- STOCK GILL FORCE, waterfall, England, XXIV. 514.
- STOCKHOLM, capital of Sweden, XXII. 557; academy, I. 73; library, XIV. 532; newspapers, XVII. 429; observatory, XVII. 714.
- , county, Sweden, XXII. 741.
- STOCK IM EISEN, tree stump, Vienna, XXIV. 220.
- STOCKING-FRAME, its invention, XII. 299.
- STOCKINGS, hosiery, XII. 299.
- STOCKJOBING, XXII. 557.
- STOCKPORT, town, England, XXII. 560.
- STOCKS, instrument of punishment, XXII. 560.
- , public securities, XXII. 556; European, values of, II. 73.
- STOCK TELEGRAPH, XXIII. 121.
- STOCKTON, town, California, U.S.A., XXII. 560.
- AND DARLINGTON RAILWAY, England, XX. 224.
- STOCKTON-ON-TEES, town, England, XXII. 561.
- STOCKWORKS, metalliferous rocks, XVI. 442.
- STODART, Robert, pianoforte maker, XIX. 74.
- STODDART, Sir John, English journalist, XVII. 418.
- STOFFELS, Hendrickie, Rembrandt's mistress, XX. 376.
- STOICS, school of ancient philosophers, XXII. 561; ethics of, VIII. 583; logic of, XIV. 791; Stoicism of Persius, XVIII. 664.
- STOKE, Melis, Dutch writer, XII. 90.
- STOKE-NEWINGTON, district, London, XIV. 822.
- STOKER, Mechanical, XXII. 500; for smoke abatement, XXII. 181.
- STOKES, George Gabriel, on achromatic lenses, XVII. 804; XXIII. 143; on radiation, XX. 215; his experiments on viscosity, XIX. 248.
- , William, Irish physician, XV. 816.
- STOKE-UPON-TRENT, town, England, XXII. 573.
- STOLBERG, town, Rhenish Prussia, XXII. 574.
- , Count Christian, German poet, XXII. 574.
- , Count Frederick Leopold, German writer, XXII. 574.
- STOLE, ecclesiastical vestment, VI. 461.
- , Groom of the, in royal household, England, XXI. 37.
- STOLEN GOODS, in law, XIX. 562; XXIII. 233.
- STOLETOW, his experiments in magnetism, XV. 254, 255.
- STOLLBERG, town, Rhenish Prussia, XXII. 574.
- STOLP, town, Prussia, XXII. 574.
- STOLPENITE, mineral, XVI. 425.
- STOLZITE, mineral, XVI. 403.
- STOMACH, Anatomy of the, VII. 224; XVII. 669, 673; diseases of, XXII. 574; cancer in, XVIII. 380; of Amphibia, I. 763; of birds, III. 726; of fishes, XII. 655; of mammals, XV. 362; of reptiles, XX. 457.
- STOMATA, of plants, IV. 89; XII. 17.
- STONE, for building, IV. 448, 469; at Rome, XX. 808; strength of, XXII. 603.
- , Lithographic, XIV. 698.
- , town, England, XXII. 576.
- , vesical disease, XXIV. 189.
- , Nicholas, English sculptor, XXI. 560.
- AGE, in archaeology, II. 122, 336.
- STONE-BREAKER, machine, XVI. 463; American, XVI. 58.
- STONE CIRCLES, Prehistoric, II. 383; in Cornwall, England, VI. 427; at Stonehenge (*q.v.*), England, XXII. 576; in Peru, II. 451. See also XXI. 50.
- STONE COAL, or Anthracite, II. 106.
- STONEHAVEN, town, Scotland, XIV. 79.
- STONEHENGE, ancient stone circle, England, XXII. 576; II. 383; XXI. 51.
- STONEHOUSE, town, England, XIX. 236.
- STONE MASONRY, IV. 468.
- STONE MONUMENTS, Rude, XXI. 50; in Polynesia, XIX. 428; in Porto Rico, XIX. 532.
- STONE-PINE, tree, XIX. 104, 105.
- STONES OF VENICE, Ruskin's work, XXIV. 151.
- STONEWALL JACKSON (Thomas Jonathan Jackson), American Confederate general, XIII. 534; XXIII. 777.
- STONEWARE, XIX. 601; Dutch, XIX. 630.
- STONE WEAPONS, II. 553.
- STONINGTON, town, Connecticut, U.S.A., XXII. 576.
- STONO INLET, South Carolina, U.S.A., XXII. 287.
- STONYHURST COLLEGE, Jesuit settlement, Lancashire, England, XIII. 656; observatory at, XVII. 711.
- STOOKS, or Shocks, of corn, I. 363.

- STOP-GATES, in canals, IV. 785.
 STOP-PRESS, in newspaper printing, XXIII. 703.
 STOPS, Organ, XVII. 828.
 STORACE, Stephen, English musical composer, XXII. 576.
 STORAX, gum and perfume, XXII. 577; XII. 718; XIV. 687; liquid, III. 293.
 STORCH, Heinrich, German-Russian economist, XIX. 388.
 —, Nicolaus, German religious enthusiast, XV. 76; XVII. 32.
 STORIA D' ITALIA, by Guicciardini, XI. 256.
 STORK, bird, XXII. 577; parasites of, XVIII. 260.
 STORKS, Sir Henry, commissioner of Ionian Islands, XIII. 207.
 STORMARN, division of Holstein, XXI. 415.
 STORM-COCK, bird, XXIII. 322.
 STORMONT, district, Scotland, XVIII. 667.
 STORM-PETREL, bird, XVIII. 712.
 STORM RONDO, Steibelt's, XXII. 530.
 STORMS, XVI. 154; at sea, XVII. 275; in North America, XXIII. 806; in West Indies, XXIV. 511; in Indian Ocean, their connexion with sun-spots, XVI. 180.
 STORM-WARNINGS, XVI. 158.
 STORNELLO, variety of Italian poetry, XIX. 272.
 STORNOWAY, town, Scotland, XIV. 492; XX. 854.
 STORR ROCK, Skye, Scotland, XXII. 127.
 STORY, in architecture, II. 423, 474.
 —, Joseph, American jurist, XXII. 578; as writer, I. 722.
 STOSS, Veit, German sculptor, XVII. 663; XXI. 565.
 STOTHARD, Charles Alfred, English antiquarian draughtsman, XXII. 578.
 —, Thomas, English painter, XXII. 578.
 STOU, mountain, Styria, Austria, XXII. 614.
 SToup, in architecture, II. 474.
 STOUR, river, Kent, England, XIV. 37.
 —, river, Suffolk, England, XXII. 621.
 STOURBRIDGE, town, England, XXII. 579.
 STOUT, malt liquor, IV. 275.
 STOUTHRIEF, in law, XXIII. 233.
 STOVE, XXII. 579; IX. 840; XI. 591; in garden hothouse, XII. 230; hotblast, XIII. 302; in relation to smoke abatement, XXII. 181.
 STOW, John, English historian and antiquary, XXII. 579.
 STOWAGE, of a ship, XXI. 597, 816.
 STOWE, Mrs Harriet Beecher, American writer, I. 727; her influence against slavery, XXII. 142.
 STOWELL, Lord, English judge, XXII. 580.
- STOWMARKET, town, England, XXII. 622.
 STRABANE, town, Ireland, XXIII. 713.
 STRABISMUS, or Squinting, XVII. 785; spectacles for, XXII. 372.
 STRABO, Greek geographer and historian, XXII. 580; X. 177; on ancient geography, XV. 516.
 —, or Strabus, Walafrid, German mediæval writer, XXIV. 320.
 STRACCHINO, kind of cheese, XVI. 292.
 STRADELLA, Alessandro, Italian composer and musician, XXII. 583.
 STRADIVARI, Antonio, violin maker, XXIV. 245.
 STRAFFORD, Earl of, English statesman, XXII. 584; V. 405; VIII. 347; his administration in Ireland, XIII. 266.
 STRAHLSTEIN, mineral, XVI. 417.
 STRAIN, in mechanics, XXII. 595, 598, 605; VII. 819; kinematics of, XV. 693; produced by magnetization, XV. 268; produced by longitudinal stress, VII. 806; on ships, XXI. 817.
 STRAITS SETTLEMENTS, Malay Peninsula, XXII. 586, 92; XV. 322.
 STRALSUND, town, Prussia, XXII. 587.
 STRAMONIUM, narcotic drug, XVII. 231.
 STRAND, street, London, XIV. 847.
 STRANGE, Sir Robert, Scottish engraver, XXII. 588; VIII. 442.
 STRANGLES, horse disease, XXIV. 203.
 STRANGULATION, Death from, XV. 781.
 STRANRAER, town, Scotland, XXII. 588; XXIV. 563.
 STRANY, bird, XI. 262.
 STRASBURG, Strassburg, or Strasbourg, town, German Alsace, XXII. 588; council at (1531), XIX. 676; Louis Napoleon's affair at (1836), XVII. 227; invention of printing at, XXIII. 689; its bells, III. 538; cathedral sculptures, XXI. 564; library, XIV. 527, 547; observatory, XVII. 713; university, XXIII. 845, 851.
 — TURPENTINE, IX. 225.
 STRASS, or Paste, in glass manufacture, X. 665.
 STRATA, of rocks, X. 292; in mines, XVI. 440.
 STRATEGICS, Polyænus's work, XIX. 411.
 STRATEGY, Military, XXIV. 349; naval, XXIV. 364.
 STRATFORD, town, Ontario, Canada, XXII. 590.
 — DE REDCLIFFE, Viscount, English diplomatist, XXII. 590.
 STRATFORD-LE-BOW, district, London, XIV. 822.
 STRATFORD-ON-AVON, town, England, XXII. 589; XXI. 741.
 STRATH, valley, in Scotland, XXI. 524.
 STRATHBOGIE, district, Aberdeenshire, Scotland, I. 44.
 — CASE, in Church of Scotland, V. 377.
- STRATHCLYDE, Kingdom of, Scotland, XXI. 475.
 STRATHEARN, district, Scotland, XVIII. 667.
 STRATHPEFFER, spa, Scotland, XVI. 435.
 STRATIGRAPHY, in geology, X. 325.
 STRATO of Lampsacus, Peripatetic philosopher, XVIII. 545; on evolution, VIII. 757.
 STRATTON, Charles (Tom Thumb), American dwarf, VII. 568.
 STRAUBING, town, Bavaria, XXII. 591.
 STRAUCH, Alexander, on tortoises, XX. 441.
 STRAUSS, David Friedrich, German theological writer, XXII. 591; his criticism of the Gospels, II. 191; X. 841; his *Leben Jesu*, XIII. 670, 672; its influence on Baur, III. 448.
 —, Edward, Austrian musician, XXII. 592.
 —, Johann (1804–1849), Austrian composer and musician, XXII. 592.
 —, Johann (b. 1825), Austrian musician, XXII. 592.
 —, Joseph, Austrian musician, XXII. 592.
 STRAUSS-DURCKHEIM, Hercule, French entomologist, XXII. 592.
 STRAW, I. 358, 390, 395; manufactures of, XXII. 593; bleaching of, III. 821; use of, in paper-making, XVIII. 225; use of, for thatching, IV. 501.
 STRAWBERRY, plant and fruit, XXII. 592; XII. 276.
 — HILL, Walpole's residence, Twickenham, England, XXIII. 674; XXIV. 334.
 — LEAF, in heraldry, XI. 711.
 STRAW MANUFACTURES, XXII. 593.
 STRAW-PLAIT, XXII. 593; I. 358.
 STREAK, in crystals, XVI. 373.
 STREAM LINES, in theory of shipbuilding, XXI. 811.
 STREATHAM, district, London, XIV. 822.
 STREET, George Edmund, English architect, XXII. 594.
 — ARCHITECTURE, in England, II. 452.
 — MAKING, XX. 582.
 — RAILWAYS, XXIII. 506.
 — SEWERS, XXI. 713.
 STREHLENAU, Nicholas (Lenau), Austrian writer, X. 546.
 STRELITZ, Mecklenburg-, state, Germany, XV. 774.
 —, Neu, town, Mecklenburg-, Germany, XVII. 366.
 STRENGITE, mineral, XVI. 405.
 STRENGTH OF MATERIALS, XXII. 594; VII. 816; of iron and steel, XIII. 353; James Thomson on, VII. 798.
 STREPSILAS, genus of birds, XXIII. 668.
 STREPTONEURA, division of Mollusca, XVI. 645.
 STRESS, in mechanics, XV. 693, 715;

- 747; XIX. 240; diagrams of, VII. 152; XXII. 598; dynamics of, VII. 582; mathematical theory of, VII. 819; on bridges, IV. 285; in engineering, XXII. 594, 598, 601, 603; in joints, XIII. 732.
- STRIATION, in crystals, XVI. 368.
- STRICKLAND, Agnes, English historical writer, XXII. 607.
- , Hugh Edwin, on birds, XVIII. 14.
- STRICTURE OF THE PYLORUS, disease, XXII. 575.
- STRIEGAU, town, Prussia, XXII. 607.
- STRIGES, group of birds, XVIII. 47.
- STRIGOPS, genus of birds, XIII. 825; XVIII. 323.
- STRIKE, of rocks, X. 298.
- , of workmen, XXIII. 500.
- STRING, Manufacture of, XX. 845.
- STRING-COURSE, in architecture, II. 474.
- STRINGFELLOW'S FLYING MACHINE, IX. 323.
- STRINGS, Musical, I. III, 112; violin, XXIV. 244, 246.
- STRINNHOLM, Anders Magnus, Swedish historian, XXII. 758.
- STRIX, genus of birds, XVIII. 89.
- STROH, A., his stereoscope, XXII. 540.
- STROKHR, geyser, Iceland, X. 557.
- STRÖM, Hans, Norse zoologist, XVII. 590.
- STROMATA, or Stromateis, of Clemens Alexandrinus, V. 819.
- STROMBOLI, island, Lipari group, Mediterranean, XIV. 683.
- STROME FERRY, Ross-shire, Scotland, XX. 854.
- STROMEYERITE, mineral, XVI. 392.
- STRÖMLING, fish, III. 297.
- STROMNESS, town, Orkney, Scotland, XVII. 848.
- STRONGBOW, Earl (Richard de Clare), invasion of Ireland by, XIII. 258.
- STRONGYLOSOMA, genus of Myriapoda, XVII. 120.
- STRONGYLUS, genus of nematode worms, XVII. 325; XXIV. 205, 206.
- STRONSAY, island, Orkney, Scotland, XVII. 846.
- STRONTIANITE, mineral, XVI. 398; XXII. 607.
- STRONTIUM, chemical element, XXII. 607; V. 525.
- STROPHANTHUS, genus of plants, XXII. 608.
- STROPHOMENIDÆ, family of Brachiopoda, IV. 195.
- STROPHULUS, skin disease, XXII. 122.
- STROUD, town, England, XXII. 608.
- STROZZI, Filippo, Tuscan noble, XV. 789.
- , Piero, Tuscan warrior, XV. 790.
- STRUCTURES, Theory of, in mechanics, XV. 750.
- STRUEL SPRINGS, Ireland, VII. 382.
- STRUENSEE, Johann Friedrich, Count, Danish minister, XXII. 608; VII. 87.
- , VON CARLSBACH, Carl Gustav, Prussian minister, XXII. 608.
- STRUMA, disease, XXI. 554.
- , river, Macedonia, XV. 137.
- STRUTHIO, genus of birds, XVIII. 62, 44.
- STRUTS, Strength of, IV. 321; XXII. 606.
- STRUVE, Friedrich Georg Wilhelm, German astronomer, XXII. 608; his work on measurement of arc of meridian, VII. 600.
- STRUVITE, mineral, XVI. 406.
- STRY, town, Galicia, Austria, XXII. 609.
- STRYCHNIA, vegetable alkaloid, XVII. 687.
- STRYCHNINE, as poison, XIX. 279.
- STRYCHNOS, genus of plants, XVII. 687.
- STRYMON, river, Macedonia, XV. 137.
- STRYPE, John, English historical and biographical writer, XXII. 609.
- STRZELECKI, Count, on the geology of Australia, III. 108.
- STUART, Scottish royal family of, XXII. 609; XXI. 490; their connexion with house of Orange, XII. 79.
- , Arabella, wife of William Seymour, XXII. 610.
- , Sir Charles, English envoy in Portugal, XIX. 551.
- , Charles Edward (The Pretender), VIII. 355; I. 449; V. 426; XXI. 520; XXII. 610.
- , Gilbert, American portrait-painter, XXII. 611.
- , James, second earl of Murray, regent of Scotland, XV. 595, 599; XVII. 62; XXI. 503.
- , James, joint-author of Antiquities of Athens, II. 444.
- , James Frederick Edward (The Pretender), XIII. 560; IX. 581; XXII. 610.
- , John, earl of Bute, IV. 511.
- , John McDouall, Australian explorer, XXII. 611; III. 105.
- , Mary, queen of Scots, XXII. 610. See Mary.
- STUBBS, William, on the origin of the jury system, XIII. 784.
- STUCCO, in plaster work, IV. 507; wall decorations in, XVII. 36.
- STUD-BOOK, English, XII. 183.
- STUDENTS, in early universities, XXIII. 833.
- STUDIUM, monastery, at Constantinople, XVI. 700.
- STUDIUS, founder of an order of monks, XVI. 700.
- STUDY OF WORDS, Trench's work, XXIII. 541.
- STUFFING, of animals, XXIII. 89.
- STUFFS, Ancient textile, XXIII. 207.
- STUHLWEISSENBURG, town, Hungary, XXII. 611.
- STURA, river, Italy, XIII. 435.
- STURE, Sten and Svante, regents of Sweden, XXII. 747.
- STURGEON, fish, XXII. 611.
- STURLA, Lawman and Olaf, Icelandic writers, XII. 625.
- STURLOSON, or Sturluson, Snorri or Snorro, Icelandic writer, XXII. 201; XXI. 368; XII. 622, 625; Edda of, VII. 649.
- STURM, Jacob, ruler of Strasburg, XXII. 589.
- , Jacques Charles François, Swiss mathematician, XXII. 612; I. 516.
- , Johann Christoph, founder of the Collegium Curiosum, I. 71.
- , Johannes von, of Strasburg, on education, VII. 673.
- STURMHAUBE, mountain, Germany, XX. 552.
- STURMIUS, abbot of Fulda, IX. 813.
- STURM UND DRANG, movement in German literature, VII. 442; X. 537.
- STURNUS, genus of birds, XXII. 457.
- STURT, Charles, Australian explorer, XXII. 612; III. 104.
- STUTTERING, defect of speech, XXII. 447.
- STUTTGART, town, Würtemberg, XXII. 612; libraries of, XIV. 527, 547.
- STUYVESANT, Peter, director, New Netherland, America, XVII. 455.
- STYLE, of a dial, VII. 154.
- , in plants, IV. 144.
- STYLIOLA, genus of Mollusca, XVI. 665.
- STYLITE, Joshua the, Syriac writer, XXII. 832.
- STYLITES, order of ascetics, XVI. 701.
- , Simeon, early Christian ascetic, XVI. 701; XXII. 830.
- STYLOBATE, in architecture, II. 474; Greek, II. 403.
- STYLOGRAPH, pen, XVIII. 484.
- STYLOMMATOPHORA, suborder of Mollusca, XVI. 660.
- STYLOTIP, mineral, XVI. 395.
- STYLUS, ancient writing implement, XVIII. 483.
- STYRAX, shrub, XXII. 577; gum from it, XII. 718; XIV. 687.
- STYRIA, duchy, Austria, XXII. 613.
- STYRIAN ALPS, I. 630.
- STYX, legendary river, XXII. 614.
- , waterfall, Arcadia, Greece, II. 326.
- SUABIA (Swabia), ancient duchy, Germany, XXII. 729.
- SUADIVA, atoll, Maldive Islands, XV. 328.
- SUAKIN, or Suakim, town, Red Sea, Africa, XXII. 615, 316.
- SUANIANS, race of people, Caucasus, V. 257.
- SUARDI, Bartolommeo (Bramantino), Italian painter, XXII. 615.
- SUAREZ, Francisco, Spanish theologian and philosopher, XXII. 615; XXI. 431.
- SUATOPLUK, ruler of Moravia, XVI. 811.
- SUBARNAREKHA, river, India, XXII. 94.
- SUBCONSCIOUSNESS, in psychology, XX. 47.

- SUBDEACONS, minor order of Roman Catholic Church, xvii. 820.
- SUBEN, Egyptian divinity, vii. 718.
- SUBIACO, town, Italy, xxii. 616; library of, xiv. 530.
- SUBJECT, in psychology, xx. 39.
- SUBLAPSARIANISM, theological doctrine, xix. 670.
- SUBLAQUEUM (Subiaco), ancient town, Italy, xxii. 616.
- SUBLEYRAS, Pierre, French painter, xxii. 616.
- SUBLIMATION, in distillation, vii. 260; of vapour, viii. 727.
- SUBLIME AND BEAUTIFUL, Burke's work on the, iv. 540.
- SUBMARINE MINES, xxiii. 449.
- SUBMARINE TELEGRAPHIC CABLES, xxiii. 114.
- SUBMISSION, in law, ii. 312.
- SUBORNATION OF PERJURY, xviii. 548.
- SUBPENA, in law, xxii. 642; xxiv. 696.
- SUBSTANCE, in Cartesianism, v. 143; Leibnitz's doctrine of, xiv. 420; Locke's, xiv. 760; Kant's, xiii. 853.
- SUBSTANTIALITY, Perception of, in psychology, xx. 57.
- SUBTIABA, Indian town, Nicaragua, xiv. 455.
- SUBTRACTION, in algebra, i. 520; in arithmetic, ii. 527.
- SUBUKTIGIN, sultan of Ghazni, xv. 286.
- SUBZAWAR, town, Persia, xviii. 627.
- SUCCAT (St Patrick, *q.v.*), patron saint of Ireland, xviii. 411.
- SUCCESSION, in law, xix. 734; in relation to remainder and reversion, xx. 372; under testament, xxiv. 570; in Roman law, xx. 673, 691, 702, 706, 713; in Salic law, xxi. 214.
- , Psychological presentation of, xx. 64; Locke on ideas of, xiv. 759.
- , Spanish, Question of, viii. 352; ix. 575; xxii. 334; war of, iii. 126; ix. 580; x. 502; xiv. 466; xxii. 335.
- , DUTY, xxii. 616.
- SUCCINIC ACID, i. 660.
- SUCCINITE, mineral, xvi. 428.
- SUCCORY (Chicory), plant, v. 614.
- SUCCUBUS, dream demon, vii. 62.
- SUCHET, Louis Gabriel, duke of Albufera, French marshal, xxii. 617; i. 456.
- SUCHIZ, river, Peru, xviii. 673.
- SU-CHOW, town, Kan-suh, China, xxii. 617.
- , town, Kiang-su, China, xxii. 617.
- , town, Sze-chuen, China, xxii. 617.
- SUCKER, or Lump-Sucker, fish, xv. 65.
- SUCKLING, Sir John, English poet and courtier, xxii. 617.
- SUCRE, town, Bolivia, South America, xxii. 618.
- SUCRE, Antonio José, president of Bolivia, iv. 17.
- SUCTORIA, order of Protozoa, xix. 865.
- SUDAN, or Soudan, region, Central Africa, xxii. 277, 143; xvii. 316.
- SUDBURY, town, England, xxii. 618.
- SUDENI, ancient tribes, Lithuania, xiv. 701.
- SUDETES, mountains, Austria, iii. 116; xvi. 810; xxii. 53.
- SUDHARAM, town, India, xvii. 524.
- SUDOGDA, town, Russia, xxiv. 271.
- SUDRAKA, Hindu dramatist, xxi. 285.
- SUDRAS, Hindu caste, iv. 203, 204; v. 188.
- SUE, Joseph Marie (Eugène Sue), French novelist, xxii. 619; ix. 678.
- SUERAH, town, Morocco, xvi. 543.
- SUESSA AURUNCA (Sessa), ancient town, Italy, xxi. 693.
- SUET, animal fat, xxiii. 34.
- SUETONIUS, Caius Tranquillus, Latin writer, xxii. 619; on the early Christians, xiii. 658; his place in Roman literature, xx. 726.
- SUEUR, Eustache le, French painter, xxii. 619.
- , Thomas le, on magnetism, xv. 236.
- SUEVI, confederation of tribes of ancient Germany, x. 473; their inroads on Rome, xx. 780; in Spain, xxii. 308.
- SUEVIA (Swabia), ancient duchy, Germany, xxii. 729.
- SUEZ, town, Egypt, xxii. 620.
- , Gulf of, Red Sea, xx. 316.
- , CANAL, xxii. 620; i. 266; iv. 789; Lord Palmerston's opposition to, xviii. 197.
- SUFETULA (Sbeitla), ancient town, Africa, xxiii. 620.
- SUFFOCATION, Death from, xv. 781.
- SUFFOLK, county, England, xxii. 621.
- , DUNS, breed of cattle, i. 389.
- , PUNCH, horse, i. 385.
- , WITCHES, Trial of, xxiv. 621.
- SUFI II., shah of Persia, xviii. 638.
- , DYNASTY, Persia, xviii. 634.
- SUFIS, Mohammedan sect, vii. 113; xxii. 662; pantheism of, xviii. 658. See also Sufism.
- SUFISM, Persian philosophical system, xxiii. 242; xi. 368; xvi. 594; xvii. 130; xviii. 634; xxii. 659.
- SUGAR, xxii. 622; chemistry of, v. 564; adulteration of, i. 172; relations to alcohol, i. 470; from beet, i. 382; in grape juice, xxiv. 603; malt, xv. 338; maple, xv. 524; in plants, iv. 88; xix. 54; use of, in brewing, iv. 271; culture of, in Java, xiii. 604; in the Philippines, xviii. 751; in Queensland, xx. 173; production of, in Brazil, iv. 227; in Cuba, vi. 681; in India, xii. 748; in United States, xxiii. 824.
- , BERRY, tree, xi. 360.
- SUGAR-BIRD, xxii. 628.
- SUGAR CANDY, vi. 257.
- SUGAR OF LEAD, xiv. 378.
- SUGAR-PINE, tree, xix. 105; of U.S.A., xxiii. 809.
- SUGDEN, Edward Burtenshaw, Lord St Leonards, lord chancellor of England, xxi. 182.
- SUGER, Abbé, regent of France, ix. 539.
- SUGHUDA (Sogdiana), ancient province, Persia, xxii. 246.
- SUGUT, river, North Borneo, xxi. 123.
- SUH-CHOW, or Su-Chow, town, China, xxii. 617.
- SUHL, town, Prussia, xxii. 629.
- SUHM, Peter Frederik, Danish historian, vii. 91.
- SUICIDE, xxii. 629; in relation to life assurance, xiii. 197.
- SUIDÆ, family of ungulate mammals, xxii. 772.
- SUIDAS, Greek lexicographer, xxii. 631; xi. 146.
- SUIDGER (Pope Clement II.), v. 821.
- SUINDINUM (Le Mans), Roman town, France, xv. 497.
- SUIR, river, Ireland, xiii. 216; xxiii. 405; xxiv. 400.
- SUISSE FOREZIEENNE, valley, France, xiv. 807.
- SUKHONA, river, Russia, xxi. 73.
- SUKKERTOPPEN, district, Greenland, xi. 170.
- SUKKOTHAI, ancient town, Siam, xxi. 854.
- SUKKUR, town, India, xxi. 803.
- SULA, genus of birds, x. 70.
- SULAIMAN, shah of Persia, xviii. 639.
- , Seljuk ruler, xxi. 636.
- , Suleiman, or Suleyman, I., sultan of Turkey, xxii. 251; xxiii. 643; contests of, with Persia, xviii. 636.
- , II., Turkish sultan, xxiii. 645.
- , Arabic geographer, x. 177.
- SULBY, river, Isle of Man, xv. 450.
- SULITELMA, mountain, Sweden, xxii. 736.
- SULLA, Lucius Cornelius, Roman general, xxii. 632; xx. 760; at Athens, iii. 8; in Jugurthine War, xiii. 767; his contests with Marius, xv. 550; in the Mithradatic War, xv. 56; his relations with Pompey, xix. 451.
- SULLY, Maximilien de Béthune, duke of, French statesman, xxii. 633; ix. 565.
- , Maurice de, early French sermon-writer, ix. 648.
- SULMONA, town, Italy, xxii. 634.
- SULPHATES, in chemistry, v. 505; occurring in rocks, x. 228; of alumina, i. 645; xxii. 637; of ammonia, xvii. 515; of baryta, iii. 406; of copper, xxii. 637; of iron, vi. 352; of lime, xiv. 648; xi. 351; of lime, as manure, i. 351; of magnesia, viii. 496; xv. 217; of potash, xix. 592; of quinine, xx. 184; of silver, xxii. 71; of soda, xxii. 240.

- SULPHIDES, in chemistry, v. 478; x. 228; of iron, XIII. 280; of mercury, XVI. 34; metallic, or pyrites, XX. 128; in metallic ores, XVI. 61.
- SULPHUR, chemical element and mineral, XXII. 634; v. 498; x. 228; XVI. 380; as fuel, IX. 809; as an ingredient of gunpowder, XI. 320, 324; its presence in iron, XIII. 283; as plant food, XIX. 49; mines of, in Formosa, v. 636; in Sicily, XXII. 30.
- ALCOHOLS AND ETHERS, v. 553.
- SULPHURETTED HYDROGEN, v. 499; XXII. 635; as a poison, XIX. 279.
- SULPHURIC ACID, v. 503; XXII. 636.
- SULPHURIC ETHER, as an anæsthetic, I. 789.
- SULPHUROUS ACID, XXII. 636; as a poison, XIX. 279.
- SULPHUR SALTS, v. 505; group of minerals, XVI. 394.
- SULPHUR SPRINGS, XVI. 435.
- SULPICIA, Tibullus's poems on, XXIII. 349.
- SULPICIUS RUFUS, P., Roman tribune, XX. 760.
- SULPICIUS SEVERUS, early Christian writer, XXI. 702.
- SULTAN, sovereign of Turkey, XXIII. 654; his place in Islam, XXII. 661; list of Ottoman sultans, XXIII. 652.
- SULTANA, Moslem title, XI. 478.
- SULTANABAD, town, Persia, XVIII. 627.
- SULTANA RAISINS, XX. 258; of Stanchio, VI. 444.
- SULTAN-DAGH, mountains, Asia Minor, II. 705.
- SULTANPUR, district and town, India, XXII. 637.
- SULU, town, Philippines, XVIII. 750, 752.
- ISLANDS, Philippines, XVIII. 752; pearl fisheries of, XVIII. 447.
- SULZER, Johann Georg, Swiss art critic, x. 535; XXII. 798.
- SUMACH, plant, XIV. 382; in U.S.A., XXIII. 808.
- SUMANAP ISLANDS, Java, XIII. 600.
- SUMAROKOFF, Alexander, Russian dramatist, VII. 444; XXI. 106.
- SUMATRA, island, Indian Archipelago, XXII. 638; II. 687; birds of, III. 763.
- SUMBAL, or Sumbul, drug, XXII. 641.
- SUMBAWA, island, Indian Archipelago, XXII. 641.
- SUMBULPOOR, town, India, XXI. 247.
- SUMELAS, monastery, Armenia, XXIII. 534.
- SUMENEP, town, Madura, Indian Archipelago, XV. 194.
- SUMER, district, Mesopotamia, XVI. 51.
- SUMIDA, river, Japan, XXIII. 432.
- SUMMAM, river, Algeria, I. 563.
- SUMMARY JURISDICTION, Court of, XXII. 641.
- SUMMER-CATARRH, disease, XI. 542.
- SUMMER ISLANDS, or Bermudas (*q.v.*), III. 599.
- SUMMER REDBIRD, XXIII. 45.
- SUMMERSIDE, town, Prince Edward Island, XIX. 740.
- SUMMER-SNIPE, bird, XXI. 260.
- SUMMER-TEAL, bird, x. 80.
- SUMMERVILLE, town, South Carolina, U.S.A., XXII. 287.
- SUMMISTS, scholastic philosophers, XXI. 425.
- SUMMONS, in law, XXII. 642; XXIV. 696; in Scots law, XIX. 220.
- SUMNER, Charles, American statesman, XXII. 643.
- SUMPTUARY LAWS, XXII. 643.
- SUMTER, Fort, South Carolina, U.S.A., its surrender, XXIII. 774.
- , Thomas, American politician, XXIII. 790.
- SUMY, town, Russia, XXII. 645.
- SUN, XXII. 645; II. 768, 783; determination of distance of, II. 796; eclipses of, II. 788 (see Eclipse); source of heat of, XVII. 311; its light compared with that of moon, XVIII. 842; its influence on terrestrial magnetism, XVI. 167, 176, 179; measurements of, XVI. 250; its connexion with meteoroids, XVI. 113; nautical observations by means of, XVII. 268; parallax of, XVIII. 245; influence of, on tides, XXIII. 354, 365, 368; festival of, at Heliopolis, XIX. 91; festivals, in Japan, XIX. 92; myths of, XV. 777; XVII. 157; temple of, at Baalbec, III. 177; worship of, by ancient Greeks, II. 185; by Peruvians, I. 697; XX. 364; by Phœnicians, XVIII. 802 (see also Baal); by Sabæans, XXIV. 741. See also Sun-Spots.
- SUNAR, river, India, XXI. 146.
- SUN-BIRD, XXII. 651; XII. 359.
- SUN-BITTERN, bird, XXII. 652; XX. 223.
- SUNDA ISLANDS, Indian Archipelago, XXII. 653; XII. 815; language of, XIII. 606.
- SUNDARBANS, swamps at mouth of Ganges, India, x. 68.
- SUNDA STRAIT, Indian Archipelago, XXII. 653, 638.
- SUNDAY, XXII. 653; relation of, to the Sabbath, XXI. 125; sale on, illegal, XXI. 208.
- SUNDERLAND, town, England, XXII. 657.
- , Second Earl of, English statesman, XXII. 657.
- , Third Earl of, English statesman, XXII. 658.
- SUNDEVALL, Carl Johan, on birds, XVIII. 23, 37.
- SUNDEW, plant, XIII. 134.
- SUN-DIAL, VII. 153.
- SUNDILAH (Sandila), town, India, XVIII. 72.
- SUN-FISH, XXII. 658; XII. 690; XVII. 777; XXI. 777.
- SUNFLOWER, plant, XXII. 659; oil from, XVII. 746.
- SUNGARI, river, Manchuria, xv. 466.
- SUNGARS, Mongol people, XVI. 749; XXIII. 636.
- SUNGEI UJONG, district, Straits Settlements, XXII. 587.
- SUNIUM, Greece, Temple at, III. 60.
- SUNNA, or Sunneh, Moslem traditional law, XVI. 553, 594; XI. 508.
- SUNNIN, mountain, Syria, XIV. 393.
- SUNNITES, division of the Moham-medans, XXII. 659; II. 722; XI. 508.
- SUN-SIGNALLING, XI. 632.
- SUN-SPOTS, II. 783; XXII. 646; their connexion with the aurora, III. 97; with terrestrial magnetism, XVI. 169, 175, 179, 180; with rainfall, IX. 26; cycles of, XII. 739; Herschel's observations on, XI. 766.
- SUNSTONE, mineral, XVI. 420.
- SUNSTROKE, XXII. 666; XVIII. 394; death from, xv. 781.
- SUNT ISLANDS, Nile, Africa, XVII. 507.
- SUPERFŒTATION, xv. 779.
- SUPERIOR, in land tenure, XIV. 264.
- , Lake, North America, XIV. 217; XXI. 177, 182; copper mines of, XXIII. 816.
- SUPERNATURALISM, xx. 289.
- SUPERPHOSPHATE OF LIME, as manure, I. 348; manufacture of, XXII. 636.
- SUPERSTITION, among primitive races, VIII. 623; Plutarch on, XIX. 234.
- SUPLINBURG, Count of (emperor Lothair), xv. 9.
- SUPPLIANTS, The, Euripides's play, VIII. 676.
- SUPPLICATIONS, of the Litany, XIV. 696.
- SUPPLIES, Granting of, in parliament, XVIII. 313.
- , Military, XXIV. 349.
- SUPPLY AND DEMAND, in economics, XXIV. 47.
- SUPPORTERS, in heraldry, XI. 710.
- SUPPURATION, in inflammatory diseases, XVIII. 400; of wounds, XXII. 682; in process of healing, XVIII. 365.
- SUPRALAPSARIANISM, theological doctrine, XIX. 670.
- SUPRARENAL BODIES, I. 908; diseases of, XVIII. 384.
- SUPREMACY ACT (1535), England, XI. 664; XXIII. 199.
- SUPREME COURT, of United States, II. 210; XIII. 789; XXIII. 750.
- SUR, town, Palestine, XXIII. 710.
- SURA, river, Russia, XVIII. 514; XXII. 76; XXIV. 279.
- SURABAYA, town, Java, XIII. 605, 606; XXII. 667.
- SURAHWA NUT, XVII. 664.
- SURAJAH DOWLAH, Bengali ruler, VI. 10; XII. 801.

- SURAKARTA, town, Java, XVIII. 601, 606; XXII. 667.
- SURAM, Mountains of, Caucasus, v. 252.
- SURAS, sections of the Koran, XVI. 598.
- SURASHTRA, district, India, XIV. 14.
- SURAT, district, India, XXII. 667; town, XXII. 667; English factory at, XII. 798.
- SURAYI, modern Nestorians, XVII. 358.
- SURAZH, town, Russia, XXIII. 96; XXIV. 262.
- SURBASE, in architecture, II. 474.
- SURBITON, town, England, XXII. 667.
- SUR-DAS, Hindi writer, XI. 845.
- SURDS, in algebra, I. 534.
- SURDUS LOQUENS, John Conrad Amman's work, VII. 6.
- SUREN, Syriac writer, XXII. 844.
- SURENAS, Parthian general, XVIII. 596.
- SURETY, in law, XXII. 667; XI. 236; XVIII. 309.
- SURFACE, in geometry, XXII. 668.
- SURFACE-DRAINING, I. 329.
- SURFACE-TENSION, of fluids, v. 62.
- SURF-DUCK, bird, XXI. 470.
- SURGERY, XXII. 672; in relation to medicine, xv. 796; Desault's contributions to, VII. 115; Hunter's, XII. 387; Syme's, XXII. 810; academies of, I. 77; societies, XXII. 226.
- SURGUT, town, Siberia, XXIII. 430.
- SURI, town, India, III. 697.
- SURICATE, carnivorous mammal, xv. 437.
- SURINAM, or Dutch Guiana, South America, XI. 251.
- SURKHAB, river, Central Asia, XII. 3; XVIII. 103.
- SURKHAN, river, Central Asia, XII. 3.
- SURNAMES, x. 144; XVII. 169; in England, VIII. 300.
- SURPLICE, church vestment, VI. 463.
- SURPLUS VALUE, Marx's theory of, XXII. 211.
- SURRENDER, in law, XXII. 692.
- SURRENTUM (Sorrento), ancient town, Italy, XXII. 276.
- SURREY, county, England, XXII. 693.
- , Earl of, English poet, XXII. 694; VIII. 415; his relations with Wyatt, XXIV. 704.
- SURROGATE, ecclesiastical deputy, XXII. 695.
- , judicial administrator, in U.S.A., XXII. 695.
- SURTURBRAND, mineral, XVI. 429.
- SURVEYING, XXII. 695; geodesic, x. 163.
- , Book of, agricultural work, I. 296.
- SURVEY OF LONDON, Stow's, XXII. 580.
- SURVILLIERS, Comte de (Joseph Bonaparte, *q.v.*), IV. 28.
- SURVIVAL OF THE FITTEST, in biology, I. 87; VIII. 615, 750; XXIV. 80; in relation to socialism, XXII. 219.
- SURVIVORSHIP, Presumption of, xv. 779.
- SUS, genus of ungulate mammals, XXII. 773.
- , Wady, river, Morocco, XVI. 832.
- SUSA, town, Italy, XXII. 722.
- , town, North Africa, XI. 366.
- , ancient town, Persia, XXII. 722; XXI. 849; architectural remains at, II. 400.
- SUSANNA, of the Apocrypha, XXII. 723; II. 181.
- SUSANNITE, mineral, XVI. 400.
- SUSARION, Greek comedian, xv. 828.
- SUSIANA (Elam), ancient province, Persia, VII. 794; XIV. 68; as a Parthian satrapy, XVIII. 586, 592.
- SUSO, Heinrich, German mystic, x. 526; XVII. 133.
- SUSPENSION BRIDGES, IV. 301; mechanics of, xv. 740.
- SUSQUEHANNA, river, U.S.A., xv. 603; XVIII. 500.
- SUSSEX, county, England, XXII. 723.
- SUSSEXITE, mineral, XVI. 396.
- SÜSSMILCH, J. P., Prussian statistician, XXII. 462.
- SUSTENTATION FUND, of Free Church of Scotland, IX. 744.
- SUSU, dolphin of the Ganges, XII. 743.
- SUTHERLAND, county, Scotland, XXII. 726.
- SUTLEJ, river, India, XII. 847; XX. 107; reached by Alexander, I. 484.
- SUTORS OF CROMARTY, headlands, Scotland, XX. 854.
- SUTRA OF REASON AND OF VIRTUE, by Laou-tsze, v. 664.
- SUTRAS, in Sanskrit literature, XXI. 274.
- SUTRO TUNNEL, Comstock mines, Nevada, U.S.A., XVII. 368.
- SUTTEE, Hindu rite, XXII. 727; IV. 210; abolition of, XII. 806.
- SUTTER, John Augustus, early settler in California, XXI. 132; discoverer of gold there, IV. 694.
- SUTTON COLDFIELD, town, England, XXII. 727.
- SUTTON-IN-ASHFIELD, town, England, XXII. 727; XVII. 598.
- SUTURES, Anatomy of, I. 832.
- SUTZ, lake-dwelling, Bienne, Switzerland, XIV. 223.
- SUARNAMUKHI, river, India, XVII. 320.
- SUWAKIM (Suakin), seaport, Red Sea, Africa, XXII. 615, 316.
- SUWALKI, government, Russian Poland, XXII. 727; town, XXII. 728.
- SUWAROFF, or Suvoroff, Alexander Vasilievich, Russian general, XXII. 728; XXI. 100; his retreat through Switzerland, III. 130; his successes against the Turks, XXIII. 647.
- SUZDAL, principality, Russia, XXI. 89; town, XXIV. 271.
- SUZUNSK, town, Siberia, XXIII. 439.
- SVANBERGITE, mineral, XVI. 408.
- SVART, Peder, Swedish chronicler, XXII. 754.
- SVEABORG, fortress, Finland, Russia, XXII. 728.
- SVEALAND, division of Sweden, XXII. 736.
- SVEDBERG (Swedenborg, *q.v.*), Emanuel, Swedish mystic, XXII. 758.
- , Jesper, bishop of Skara, Swedish poet, XXII. 755, 758.
- SVENDBORG, town, Denmark, VII. 83.
- SVERRI, Norwegian chief, XVII. 588.
- SVETO-BRDO, mountain, Dalmatia, VI. 783.
- SVIATOSLAFF, Russian chief, XXI. 88.
- SVIENCIANY, town, Russia, XXIV. 234.
- SVIR, river, Russia, XVII. 772; XXI. 73.
- SVIYAGA, river, Russia, XXII. 76.
- SWABBERS, in primitive whist, XXIV. 543.
- SWABIA, ancient duchy, Germany, XXII. 729.
- , province, Bavaria, III. 453.
- SWAFFHAM, town, England, XVII. 536.
- SWAHILI, people, East Coast, Africa, XXII. 729.
- COAST, East Africa, XXIV. 768.
- SWAINSON, William, on birds, XVIII. 13.
- SWALE, river, England, XXIV. 747.
- SWALEDALE TROUT, fish, XXI. 223.
- SWALLOW, bird, XXII. 729; migrations of, III. 769.
- SWALLOWING, Process of, I. 838; XVII. 669.
- SWAMMERDAM, John, Dutch naturalist, XXII. 730; I. 812.
- SWAN, bird, XXII. 730.
- SWANENBURCH, J. I. van, Dutch painter, XX. 373.
- SWAN-GOOSE, bird, x. 778.
- SWANHERD, Royal, in England, XXII. 731.
- SWANIMOTE, forest court, early England, IX. 409.
- SWAN-PAN, Chinese arithmetical abacus, I. 4.
- SWAN RIVER, Western Australia, III. 107; XXIV. 507.
- SWANSEA, town, Wales, XXII. 732.
- SWARMING, of bees, III. 495.
- SWARTZ, Olof, Swedish botanist, XXII. 733.
- SWATOW, or Swartow, town, China, XXII. 733.
- SWEARING, Judicial, XVII. 698.
- AND CURSING, Laws against, III. 807.
- SWEAT, SWEATING, XVII. 685; sweat glands, I. 899; excessive sweating, XXII. 120.
- SWEATING SICKNESS, XXII. 734.
- SWEDEN, XXII. 736; union of, with Norway (1814), XVII. 589; Reformation in, XX. 336; under Charles XII., v. 420; under Gustavus Adolphus, XI. 333;

- academy, I. 73, 76; army, II. 616; birds, XVIII. 17; church, VIII. 491; rising of the coast of, IV. 412; coins, XVII. 658; fisheries, IX. 267; forests, IX. 399; Jews in, XIII. 686; language, XXI. 370; Lapps, XIV. 305; libraries, XIV. 532, 549; mines, XVI. 469; newspapers, XVII. 429; observatories, XVII. 714; periodical literature, XVIII. 543; prison system, XIX. 763; railways, XX. 251; weights and measures, XXIV. 490.
- SWEDENBORG, Emanuel, Swedish mystic, XXII. 758; XVII. 135; as theosophist, XXIII. 279; Swedenborgianism, XXII. 759.
- SWEDES, people of Northern Europe, XXII. 744.
- SWEDIAUR, Dr, on ambergris, I. 660.
- SWEDISH LANGUAGE, XXI. 370; dictionaries of, VII. 186.
- SWEDISH LITERATURE, XXII. 753.
- SWEET, Henry, on sound notation, XXII. 385.
- Brier, plant, VII. 698.
- FLAG, plant, IX. 280.
- GUM, XIV. 687.
- OIL, XX. 273.
- PEA, garden annual, XII. 249; XVIII. 441.
- POTATO, XIX. 597; XXIV. 727.
- SEDGE, plant, IX. 280.
- WILLIAM, plant, XIX. 107.
- SWEGEN, Sweyn, or Svend, Dano-English king, VIII. 287; VII. 84.
- SWEINBIORNSSON, Hrafn, Icelandic chief and poet, XII. 625.
- SWELL, rolling waves, XXIV. 419.
- SWERKER KARLSSON, Swedish king, XXII. 745.
- SWETAMBARAS, Jain sect, India, XIII. 544.
- SWEYN, or Swegen, Dano-English king, VII. 84, 89; VIII. 287.
- SWIETENIA, genus of trees, XV. 288.
- SWIFT, bird, XXII. 760.
- , Jonathan, dean of St Patrick's, Dublin, satirist, XXII. 761; his ridicule of astrology, II. 743; his connexion with newspapers, XVII. 416; as satirist, XXI. 320; his place in English literature, VIII. 426; his relations with Sir William Temple, XXIII. 172.
- , Thomas, grandfather of Dean Swift, XXII. 761.
- SWIMMING, XXII. 768.
- SWINDON, town, England, XXII. 772.
- SWINE, XXII. 772; XV. 430; I. 400; diseases of, XXIV. 205, 206; as unclean animals, XXIII. 18.
- SWINEMÜNDE, town, Prussia, XXII. 775.
- SWINEPIPE, bird, XX. 318.
- SWINESHEAD ABBEY, Lincolnshire, England, XIV. 656.
- SWINTON, town, Lancashire, England, XXII. 775.
- , town, Yorkshire, England, XXII. 775.
- SWISS CONFEDERATION, XXII. 781.
- SWISS LEAGUES (1320 and 1803), XXII. 783.
- SWISS LITERATURE, XXII. 796.
- SWITCHES, Railway, XX. 237.
- SWITHUN, St, bishop of Winchester, XXII. 775.
- SWITZERLAND, country, Europe, XXII. 776 (index, 800); Reformation in, XX. 331; William Tell's place in its history, XXIII. 155; Winkelried's, XXIV. 612; Zwingli's Reformation movement, XXIV. 833; Alps of, I. 625; army, II. 616; coins, XVII. 656; forests, IX. 403; confederate government, IX. 62; Italian dialect spoken in, XIII. 492; Jews in, XIII. 686; lake-dwellings, XIV. 223; land-tenure, XIV. 262; libraries, XIV. 528, 548; newspapers, XVII. 431; observatories, XVII. 713; periodical literature, XVIII. 542; police system, XIX. 344; prison system, XIX. 763; railways, XX. 251; university statistics, XXIII. 849; weights and measures, XXIV. 490; Zschokke's works on, XXIV. 825; Dufour's survey map of, VII. 515.
- SWORD, XXII. 800; VI. 733; ancient swords, II. 553.
- , Order of the Brothers of the, Livonia, XIV. 724.
- SWORD-FISH, XXII. 804; XV. 399.
- SWYNDERLY, Lollard fanatic, XIV. 811.
- SYBARIS, town, Magna Græcia, Italy, XXII. 805; river, XV. 37.
- SYCAMORE, tree, XV. 524; culture of, II. 317; use of the wood for carving, XXIV. 645.
- FIG, tree, IX. 154.
- SYCANDRA, genus of sponges, XXII. 424.
- SYCON TYPE, of sponges, XXII. 413.
- SYCOSIS, disease, XVIII. 269.
- SYDENHAM, suburb of London, England, XXII. 805.
- , Thomas, English physician, XXII. 805; XV. 811.
- SYDNEY, town, New South Wales, XXII. 806; III. 114; library, XIV. 550; observatory, XVII. 716; university, XXIII. 856.
- , Algernon, English statesman, XXII. 33.
- SYENE, ancient town, Egypt, VII. 783.
- SYENITE, rock, X. 234; XI. 49.
- SYEVSK, town, Russia, XVII. 826.
- SYLBURG, Friedrich, German scholar, XXII. 809.
- SYLHET, district, Assam, India, XXII. 809; town, XXII. 810.
- SYLLABUS, Papal (1864), XVII. 754.
- SYLLEUM, ancient town, Asia Minor, XVIII. 207.
- SYLLOGISM, in logic, XIV. 785, 789; rhetorical, XX. 511; Aristotle on, II. 516.
- SYLT, island, off Schleswig, North Sea, XXII. 810; XXI. 414.
- SYLTOPPAR, mountain, Sweden, XXII. 736.
- SYLVA, André Nunes de, Portuguese poet, XIX. 556.
- SYLVANA, Weber's opera, XXIV. 468.
- SYLVANITE, mineral, XVI. 393.
- SYLVESTER I., pope, XXII. 74.
- II., pope, XXII. 74; XIX. 497; as scholastic philosopher, XXI. 421.
- III., pope, XXII. 76; XIX. 498.
- , Russian writer, XXI. 104.
- , James Joseph, mathematician, I. 516; on the rolling ellipsoid, XV. 737; his four-point problem, XIX. 785.
- SYLVIA, genus of birds, XVIII. 53; XXIV. 366, 553, 688.
- SYLVICULTURE, or Forestry, IX. 397.
- SYLVIIDÆ, family of birds, XXIV. 367.
- SYLVINE, mineral, XIX. 588.
- SYLVITE, mineral, XVI. 384.
- SYLVIVS (Francis de la Boë), Dutch chemist and physician, V. 460; XV. 810.
- , Æneas (Pope Pius II.), XIX. 152.
- , Jacobus (Jacques Dubois), French anatomist, I. 807; XXII. 676.
- SYMBHUNATHA, town, Nepal, XVII. 342.
- SYMBIOSIS, vegetable commensalism, XVIII. 268.
- SYMBOLIC METHOD, or Calculus of Operations, XIII. 28.
- SYMBOLICS, department of theology, VI. 558, 565; XXIII. 276.
- SYMBOLISM, Mystic, XV. 202; of the Physiologus, XIX. 7; zodiacal, XXIV. 791; Lully's, XV. 64.
- SYMBOLS, Hieroglyphic, XI. 794, 802.
- , Logical, XIV. 801.
- , of number, XVII. 625.
- SYMBOLUM QUICUNQUE, or Athanasian Creed, VI. 562.
- SYME, James, Scottish surgeon, XXII. 810.
- SYMEON, surnamed Metaphrastes, Byzantine hagiographer, XXII. 811.
- of Durham, early English historian, XXII. 811.
- SYMMACHUS, pope, XXII. 811; XIX. 492.
- , Quintus Aurelius, Roman consul and writer, XXII. 811; I. 663.
- SYMMER, Robert, his electrical researches, VIII. 7.
- SYMMETRY, in algebra, I. 521.
- , in geometry, XIX. 797.
- SYMONDS, Symond, vicar of Bray, XVIII. 552.
- SYMPATHETIC NERVOUS SYSTEM, I. 883; XIX. 43.
- SYMPATHY, Adam Smith on, XXII. 171.
- SYMPHEROPOL, town, Crimea, VI. 586.
- SYMPHONY, in music, XVII. 95.
- SYMPIEZOMETER, variety of barometer, III. 383.
- SYMPLESITE, mineral, XVI. 404.
- SYMPOSIUM, dialogue of Plato, XIX. 200.

- SYMPOSIUM, Xenophon's work, XXIV. 721.
- SYNAGOGUE, Jewish, XXII. 811; the Great, v. 3; XIII. 419.
- SYSTEM, its influence on Christianity, v. 698.
- SYNCERUS, Actius (Jacopo Sannazaro), Italian poet, XXI. 267.
- SYNCHONDROSIS OF BONES, I. 832.
- SYNCOPE, or Fainting, XI. 554; XXII. 681.
- , Heat, sunstroke, XXII. 666; XVIII. 394.
- SYNCRETISTIC CONTROVERSY, in Lutheran Church, IV. 707.
- SYNEDRIUM, or Sanhedrin, Jewish council, XXII. 812; XIII. 424; of Paris, decrees of (1806), XIII. 683; controversy regarding, in Lutheran Church, XV. 85.
- SYNERGISM, Melancthon's doctrine of, XV. 834.
- SYNESIUS, bishop of Ptolemais, XXII. 812; as hymn-writer, XII. 579; as Neoplatonist philosopher, XVII. 337.
- SYNETHERES, genus of rodent mammals, XIX. 518; XV. 420.
- SYNGENITE, mineral, XVI. 402.
- SYNGNATHUS, genus of fishes, XIX. 112.
- SYNADA (Kara Hissar), ancient town, Asiatic Turkey, XIV. 2.
- SYNOCHA, or Relapsing Fever, disease, XXIII. 680.
- SYNOD, ecclesiastical assembly, VI. 510; in Presbyterianism, XIX. 677, 679, 681, 693.
- , Robber, at Ephesus, XIV. 448.
- SYNODONTIS, genus of fishes, XXII. 68.
- SYNCECA, genus of wasps, XXIV. 392.
- SYNOPTICAL GOSPELS, The, x. 789.
- SYNTAGMA MUSICUM, Prætorius's work, XIX. 656.
- SYNTAGMA PHILOSOPHICUM, Gassendi's work, x. 106.
- SYNTAX, in grammar, XI. 38; of Aryan language, XVIII. 790.
- SYNTENGs, race of people, India, XIII. 544.
- SYNTHESIS, Relation of, to analysis, I. 793; as mental process, XX. 51; psychological forms of, XX. 78.
- SYPHAX, king of Numidia, XV. 608; XVII. 627.
- SYPHILIS, disease, XVIII. 404; XXII. 686; use of mercury for, XVI. 35; vaccinal, XXIV. 27.
- SYPHON, hydraulic apparatus, XXII. 95.
- SYRA, Greek island, XXII. 813.
- SYRACUSE, town, Sicily, XXII. 813, 17; Timoleon's rule in, XXIII. 397; catacombs of St John at, v. 215; coins of, XVII. 638; system of conduits at, II. 219.
- , town, New York, U.S.A., XXII. 818.
- SYR-DARIA, river, Central Asia, XXII. 818; IX. 85; XI. 822; XX. 95; XXIII. 511, 512.
- SYR-DARIA, province, Russian Turkestan, XXII. 819.
- SYREN, sound-producing instrument, I. 109.
- SYRIA, country, Asia, XXII. 821; II. 686; XXIII. 653; Phœnician, XVIII. 801; invasion of, by the Arabs, II. 257; under the Seljuks, XXI. 636; conquest of, by the Turks, XXIII. 643; Napoleon's invasion of (1799), XVII. 201; coins of, XVII. 649.
- SYRIAC CANON, v. 12.
- SYRIAC LANGUAGE, II. 307; XXI. 649; dictionaries of, VII. 189.
- SYRIAC LITERATURE, XXII. 824.
- SYRIAC NUMERALS, XVII. 625.
- SYRIAN CHURCH, XXII. 827.
- SYRINGA, genus of trees, XIV. 640.
- SYRLIN, Jörg, German sculptor, XXI. 565.
- SYRO-CHALDEANS, of Church of Rome, XX. 631.
- SYROKOMLA, Polish writer, XIX. 305.
- SYROPHENICIA, district, Western Asia, XXII. 823.
- SYROS (Syra), Greek island, XXII. 813.
- SYRRHAPTES, genus of birds, XXI. 258.
- SYRUPS, sugar products, XXII. 627.
- SYRUS, Ephraem, early Christian writer, VIII. 470; XXII. 827; as hymn-writer, XII. 579.
- , Publius, Latin farce-writer, XIV. 164.
- SYSSITIA, the public mess, at Sparta, XV. 96.
- SYSTEMA NATURÆ, Linnæus's work, XIV. 673.
- SYSTÈME DE LA NATURE, by Holbach, XII. 53; IX. 669.
- SYTCHEVKA, town, Russia, XXII. 183.
- SYTTENDEMAI-POESI, in Norwegian literature, XVII. 590.
- SYZRAN, town, Russia, XXII. 856.
- SZABADKA, town, Hungary, XXII. 856.
- SZABOITE, mineral, XVI. 417.
- SZABIELYTE, mineral, XVI. 396.
- SZAJNOCHA, Karl, Polish historian, XIX. 305.
- SZAMOS, river, Transylvania, XXIII. 252.
- SZARVAS, town, Hungary, XXII. 856.
- SZARZYUSKI, Polish poet, XIX. 301.
- SZATMAR-NEMETI, town, Hungary, XXII. 856.
- SZCZEWÓ (Dirschau), town, Prussia, VII. 257.
- SZCZUCZYN, town, Russia, XIV. 817.
- SZECZENYI, Count Stephen, Hungarian leader, XII. 371.
- SZE-CHUEN, province, China, v. 638.
- SZEGEDIN, town, Hungary, XXII. 856.
- SZEKLEs, people, Transylvania, XXIII. 522.
- SZENTES, town, Hungary, XXII. 856.
- SZIDŁOWIEC, town, Poland, XX. 218.
- SZIGET, town, Hungary, XXII. 856.
- SZOBOSZLO, Hajdu, town, Hungary, XI. 377.
- SZOLNOK, town, Hungary, XXII. 856.
- SZUJSKI, Polish historian, XIX. 305.
- SZYMONOWICZ, Polish poet, XIX. 301.
- T** the twentieth letter of the alphabet, XXIII. 1.
- TAAL, volcano, Philippines, XVIII. 749.
- TAAS, or Pagodas, Chinese, II. 449.
- TAB, river, Persia, XVIII. 620.
- TABARD, in mediæval costume, VI. 470.
- TABARI, Arab historian, XXIII. 1; XVIII. 656.
- TABARINADES, species of French drama, VII. 424.
- TABARIYA (Tiberias), town, Palestine, XXIII. 334.
- TABARKA, harbour, Tripoli, North Africa, XXIII. 575.
- TABAS, town, Persia, XVIII. 627.
- TABASCHEER, concretion formed in joints of bamboo, III. 306.
- TABASCO, state, Mexico, XVI. 214.
- TABASSARIANS, Caucasian tribe, XIV. 475.
- TABAXIR, concretion formed in joints of bamboo, III. 306.
- TABENNÆ, in Upper Egypt, Monastery of, XVI. 700.
- TABERGITE, mineral, XVI. 414.
- TABERNACLE, of Scripture, XXIII. 5.
- , in architecture, II. 474.
- TABERNACLES, Feast of, Jewish, XXIII. 6.
- TABES DORSALIS, disease, XVIII. 392.
- TABINET, variety of cloth, XIX. 512.
- TABITI, Scythian deity, XXI. 576.
- TABLAS, island, Philippines, XVIII. 752.
- TABLAZO, or Plateau, region, Peru, XVIII. 670.
- TABLE, in furniture, IX. 850.
- BAY, South Africa, v. 50.
- TABLE-LANDS, Formation of, x. 374.
- TABLE MOUNTAIN, South Africa, v. 42, 50.
- TABLES, Mathematical, XXIII. 7.
- , Statistical, XXII. 465.
- , The XII., in Roman law, XIV. 328; XX. 678, 737.
- TABLE TALK, Luther's, I. 785; XV. 84; Selden's, I. 785; XXI. 631.
- TABLETS, of ivory, IV. 37; for writing, VII. 257; XVIII. 143.
- TABLE-TURNING, at spiritualistic seances, XXII. 405, 406.
- TABOO, system of religious prohibitions, XXIII. 15; XX. 365; in Polynesia, XIX. 428; connexion of, with totemism, XXIII. 468.
- TABOR, mountain, Palestine, XVIII. 171.
- , musical instrument, XIX. 110.
- TABORITES, section of the Hussites (*q.v.*), XII. 407; XVI. 811.
- TABRIZ, or Tabreez, town, Persia, XXIII. 18; XVIII. 626, 628.

- TABU (Taboo, *q.v.*), XXIII. 15.
 TABULARIUM, building, ancient Rome, XX. 825.
 TACAMAHAC, tree, XIX. 512.
 TACARIGUA, lagoon, Venezuela, XXIV. 34.
 TACHHYDRITE, mineral, XVI. 384.
 TA-CHIEN-LU, town, Tibet, XXIII. 342.
 TACHIM, river, Siam, XXI. 850.
 TACHOS, Egyptian prince, XVIII. 579.
 TACHYGLOSSUS, genus of monotreme mammals, VII. 628.
 TACHYGRAPHY, or Shorthand, XXI. 836; in ancient MSS., XVIII. 164.
 TACITUS, Roman historian, XXIII. 19; on the early Christians, XIII. 657; his language and style, XIV. 337; his place in Roman literature, XX. 725; Lipsius's edition of, XIV. 686.
 —, M. Claudius, Roman emperor, XXIII. 20.
 TACKING, in seamanship, XXI. 599.
 TACKLE, in mechanics, XV. 763.
 —, Fishing, II. 44.
 TACLOBAN, town, Philippine Islands, XVIII. 752.
 TACNA, town, Chili, XVIII. 674.
 TACSONIA, genus of plants, XVIII. 343.
 TACTICS, Military, XXIV. 353; modern changes in, II. 565; naval, XXIV. 365.
 TACTILE SENSE, XXIII. 478; XI. 554.
 TADJIKS, or Tajiks (*q.v.*), races of people, Asia, XXIII. 25.
 TADMOR, or Palmyra, ancient town, Syria, XVIII. 198; VI. 199.
 TADORNA, genus of birds, XXI. 788.
 TADOUSAC, fish-breeding station, Canada, XX. 167.
 TADPOLE, of frog, IX. 795; XXIV. 179; of ascidian, XXIV. 179.
 TÆNIA, genus of tape-worms, XXIII. 50, 54; XXIV. 205, 206.
 TÆNIATÆ, group of Actinozoa, I. 132.
 TAE-YUEN FOO, town, China, V. 634.
 TAFFETA, variety of cloth, XXIII. 210.
 TAFIA, inferior quality of rum, XXI. 58.
 TAFILELT, oasis, XXIII. 21; XVI. 832.
 TAGAL, town, Java, XIII. 606.
 TAGALOG, language, Philippine Islands, XVIII. 753.
 TAGALS, race of people, Philippine Islands, XVIII. 753.
 TAGANROG, town, Russia, XXIII. 21.
 TAGARCHI, town, Turkestan, XXIV. 728.
 TAGAWOST, town, Morocco, XVI. 834.
 TAGBILARAN, town, Philippine Islands, XVIII. 752.
 TAGETES, genus of plants, XV. 544.
 TAGHARDEIT, town, North Africa, X. 76.
 TAGHARMA PEAK, mountain, Turkestan, XXIII. 637.
 TAGHIL, or Nijne-Taghilsk, town, Russia, XVII. 500; XVIII. 550.
 TAGILITE, mineral, XVI. 406.
 TAGLIACCOZZI, Gasparo, Bolognese surgeon, XXIII. 21.
 TAGLIONI, Marie, Italian ballet-dancer, XXIII. 21.
 —, Italian farinaceous food, XV. 125.
 TAGUS, river, Spain and Portugal, XXIII. 21; XXII. 295.
 TAHITIANS, race of people, XXIII. 23.
 TAHITI ARCHIPELAGO, Pacific Ocean, XXIII. 22; barrier reef of, XVIII. 129; taboo system in, XXIII. 16.
 TAHMASP, shah of Persia, XVIII. 636.
 — II., of Persia, XVIII. 640.
 TAHOE, Lake, California and Nevada, U.S.A., IV. 698; XVII. 367.
 TAIF, district, Arabia, XV. 669; town, XVI. 550, 560.
 TAIKO, Japanese title, XIII. 583.
 TAIKUN (Tycoon), Japanese ruler, XIII. 584.
 TAI LAKE, China, V. 632.
 TAI LI-AMR-ILLAH, caliph, XVI. 588.
 TAILOR-BIRD, XXIV. 367.
 TAIMORO, tribe, Madagascar, XV. 171.
 TAIN, town, Scotland, XX. 854.
 TAINE, Hyppolite Adolphe, French writer, IX. 681; on aesthetics, I. 220; on the fine arts, IX. 214.
 TAI-PING REBELLION, China, V. 652.
 TAIRA, Japanese clan, XIII. 582.
 TAISAKA, tribe, Madagascar, XV. 171.
 TAI-SHAN, mountain, China, V. 633.
 TAIT, P. Guthrie, his experiments in thermo-electricity, VIII. 98; (with Sir W. Thomson) on tidal retardation of earth's rotation, XXIII. 377.
 TAI-TSUNG, emperor of China, V. 645.
 TAIWAN (Formosa, *q.v.*), island, China, IX. 415.
 TAIWANFU, town, Formosa, China, IX. 417.
 TAI-YUAN, town, China, V. 634.
 TAJAKS, or Tajiks, races of people, Asia, XXIII. 25; I. 235, 243; IV. 1; IX. 85; XII. 3; XIV. 64; XXII. 820; XXIII. 25.
 TAJAND, river, Persia, XVIII. 626.
 TAJIKS, or Tajaks (*q.v.*), races of people, Asia, XXIII. 25.
 TAJ-MAHAL, mausoleum, Agra, India, I. 286.
 TAJO, or Tagus, river, Spain and Portugal, XXIII. 21; XXII. 295.
 TAJPUR, district, India, XVII. 114.
 TAKA, region, Nubia, XVII. 611.
 TAKAZZE, affluent of Atbara, Africa, XVII. 507.
 TAKHTI JAMSHID, or Persepolis (*q.v.*), ancient town, Persia, XVIII. 558.
 TAKKA, Punjab tribe, India, XX. 110.
 TAKLA-MAKAN, desert, Turkestan, XXIII. 638.
 TALAGHAT, tract in Salem district, India, XXI. 210.
 TALAMANCA INDIANS, Central America, VI. 450.
 TALANG, volcano, Sumatra, XXII. 638.
 TALAS ALA-TAU, mountains, Turkestan, XXII. 820.
 TALAT MUSA, mountain, Syria, XIV. 394.
 TALavera DE LA REINA, town, Spain, XXIII. 25; battle of (1809), XXIV. 495.
 TALBOT, Family of, English aristocracy, XXIII. 25.
 —, Sir John, earl of Shrewsbury, XXIII. 25; in France, IX. 550; viceroy of Ireland, XIII. 261.
 —, Richard, earl of Tyrconnel, XIII. 268.
 —, William Henry Fox, English scientist and archaeologist, XXIII. 27; his photographic process, XVIII. 824.
 TALBOT'S BANDS, of light, XXIV. 441.
 TALBOTYPE, in photography, XXIII. 27.
 TALC, mineral, X. 228; XV. 217; XVI. 414.
 TALCA, town, Chili, XXIII. 27; province, V. 617.
 TALCOSITE, mineral, XVI. 424.
 TALEGALLUS, genus of birds, XV. 827.
 TALENT, ancient measure of weight, XXIV. 486; money, XVII. 631.
 TALE OF A TUB, Swift's work, XXII. 763.
 TALES, or Stories, XXIII. 27; in romance literature, XX. 632; as folk-lore, IX. 358.
 — OF FASHIONABLE LIFE, Edgeworth's, VII. 654.
 — OF A GRANDFATHER, Scott's, XXI. 551.
 — OF A TRAVELLER, Irving's work, XIII. 373.
 — OF A WAYSIDE INN, Longfellow's poem, XIV. 861.
 TALFOURD, Sir Thomas Noon, English judge and dramatic writer, XXIII. 29.
 TALIACOTIUS (Gasparo Tagliacozzi), Italian surgeon, XXIII. 21.
 TALIESSIN, Welsh poet, V. 317.
 TALIPES, or Clubfoot, VI. 42.
 TALIPOT PALM, XVIII. 191.
 TALISMAN, or Amulet, I. 781; XV. 203.
 TALLAGE, English tax, XXIII. 29.
 TALLAHASSEE, town, Florida, U.S.A., IX. 339.
 TALLARD, Camille d' Hostun, Comte de, French marshal, IX. 581.
 TALLEVRAND DE PÉRIGORD, Charles Maurice, French politician, XXIII. 29.
 TALLIAGE, English tax, XXIII. 29.
 TALLIEN, Jean Lambert, French Revolutionist, XXIII. 32.
 TALLIES, Exchequer, IX. 182.
 TALLINGITE, mineral, XVI. 385.
 TALLIS, Thomas, English musical composer, XXIII. 33; XVII. 85.
 TALLITH, Jewish prayer-scarves, XIX. 1.
 TALLOW, animal fat, XXIII. 34; XVII. 739, 743, 746.
 — OILS, XVII. 744.

- TALLYS, or Tallis, Thomas, English composer, XXIII. 33; XVII. 85.
- TALMA, Joseph François, French tragedian, XXIII. 35; VII. 425.
- TALMUD, in Jewish literature, XXIII. 35; XIII. 429; XVI. 286, 504; XX. 852; XI. 600; references of, to Jesus Christ, XIII. 659; Deutsch on, VII. 134.
- TALPA, genus of insectivorous mammals, XVI. 608; XV. 404.
- TALPURS, dynasty in Sind, India, XXII. 92.
- TALUK, subdistrict, India, XV. 186.
- TALUKDARS, territorial magnates of Oudh, India, XII. 772.
- TALVJ (Mrs Robinson), German writer, XX. 607.
- TALWAR, weapon, XXII. 802.
- TALYS, or Tallis, Thomas, English musical composer, XXIII. 33; XVII. 85.
- TALYSH, khanate, Transcaucasia, Russia, XIV. 446.
- TAM, Rabbenu, rabbinic scholar, XXIII. 39.
- TAMAGAKI, temple at Nikko, Japan, XVII. 503.
- TAMAKAM, Indian building, Madura, India, XV. 193.
- TAMANDUA, edentate mammal, XV. 386.
- TAMAQUA, town, Pennsylvania, U.S.A., XXIII. 40.
- TAMAR, river, Tasmania, XXIII. 72.
- TAMARA, island, Sierra Leone, XXII. 45.
- TAMARACK, tree, XXIII. 809.
- TAMARIDA, town, Socotra, Indian Ocean, XXII. 231.
- TAMARIND, fruit, XXIII. 40.
- TAMARISK, shrub, XXIII. 40.
- MANNA, XV. 493.
- TAMARIX, genus of shrubs, XXIII. 40.
- TAMATAVE, town, Madagascar, XV. 175.
- TAMATIA, bird, XX. 101.
- TAMAULIPAS, state, Mexico, XVI. 214.
- TAMBO (Apurimac), river, Venezuela, II. 217.
- , river, Victoria, Australia, XXIV. 216.
- TAMBOFF, government, Russia, XXIII. 40; town, XXIII. 41.
- TAMBOOKIELAND, district, South Africa, XIII. 817.
- TAMBOUR, in fortification, IX. 424.
- TAMBURLAINE THE GREAT, Marlowe's drama, XV. 556.
- TAMERLANE (Timur, *q.v.*), Mongol conqueror, XXIII. 399.
- TAMIANG, river, Sumatra, XXII. 638.
- TAMIAS, genus of rodent mammals, XXII. 438.
- TAMIL LANGUAGE, XXIII. 42; dictionaries of, VII. 191.
- TAMILS, people of India, XXIII. 41.
- TAMIM, Bani, Arab tribes, XVII. 773.
- TAMINCONO, affluent of Niger, Africa, XVII. 496.
- TAMLUK, town, India, XVI. 284.
- TAMMAM, Abu, or Abu-Teimam, Arabian poet, I. 61; XVI. 539; II. 263; XI. 402.
- TAMMANY SOCIETY, New York, XVII. 463.
- TAMMY-NORIE, bird, XX. 101.
- TAMPASSUK, river and waterfall, North Borneo, XXI. 123.
- TAM-SUI, town, Formosa, China, IX. 417.
- TAM-TAM, Indian drum, VII. 479.
- TAMUS, genus of plants, XXIV. 727.
- TAMWORTH, town, England, XXIII. 44.
- TAM-ZI, of Babylonian deluge-legend, VII. 55.
- TANA, Lake, Abyssinia, XVII. 507.
- , river, Norway, XVII. 576.
- TANA-DOWANG (Saleiyer), island, Indian Archipelago, XXI. 210.
- TANAGER, bird, XXIII. 45.
- TANAGRA, genus of birds, XXIII. 45.
- , town, Bœotia, Greece, III. 854; terra-cotta remains at, XXIII. 191.
- TANAH MALAYU, or Malay Peninsula, Asia, XV. 320.
- TANAH SASAK (Lombok), island, Indian Archipelago, XIV. 816.
- TANAIS (Don), river, Russia, VII. 356.
- TANALA, tribe, Madagascar, XV. 171, 174.
- TANAMPET, suburb of Madras, India, XV. 189.
- TANARO, river, Italy, XIII. 435.
- TANBUR, Arab lute, XV. 70.
- TANCHELM, heretical monk of Zeeland, XXIV. 323.
- TANCRED, king of Sicily, XXIII. 45; XXII. 26.
- , crusader, XXIII. 45; VI. 624.
- TANDA, town, India, XVIII. 72.
- TANDJONG PADAN, town, Billiton, Indian Archipelago, III. 677.
- TANEY, Roger B., American judge and financier, XXIII. 690.
- TANGAN, horse of Bhutan, India, III. 632.
- TANGANYIKA, Lake, Central Africa, XXIII. 45; I. 256; XIV. 217, 221; discovery of, I. 247; X. 194; exploration of, by Livingstone, XIV. 722; connexion of, with the Congo, XIV. 763; marked on early Italian map, X. 183.
- TANGBAC, town, Chilian Patagonia, XVIII. 352.
- TANGENA, tree, Madagascar, XV. 170.
- TANGENT, in trigonometry, XXIII. 563.
- , Drawing of, to a curve, XIII. 6, 24.
- TANGERANG, town, Java, XIII. 606.
- TANGERMÜNDE, town, Prussia, Church of St Stephen's at, XXIII. 194.
- TANGI, town, India, XVIII. 684.
- TANGIERS, or Tangier, town, Morocco, XXIII. 46; XVI. 830.
- TANG-KANG, town, Formosa, China, IX. 417.
- TANGLE, edible Algæ, I. 508.
- TANGUTS, people, Turkestan, XXIII. 639.
- TANGYE, Messrs, their steam-engine, XXII. 512.
- TANHÄUSER, of German legend, XXIII. 46.
- TANHUMA, Midrash, XVI. 287.
- TANIS (Zoan), town, Egypt, VII. 769.
- TANISTRY, Irish land tenure, XIII. 218; XIX. 736.
- TANIST STONES, in Scotland, XXI. 51.
- TANJORE, district, India, XXIII. 46; town, XXIII. 47; temples at, II. 396; library of rajah of, XIV. 533.
- TANKARDS, silver plate, XIX. 186.
- TANNA, island, New Hebrides, XVII. 395.
- DEBE ELIYYAHU, Midrash, XVI. 287.
- TANNAH (Thana), district, India, XXIII. 220; town, XXIII. 221.
- TANNAHILL, Robert, Scottish poet, XXIII. 47.
- TANNAIM, Talmudic teachers, XXIII. 36.
- TÄNNFORSEN, waterfall, Sweden, XXII. 737.
- TANNHÄUSER, of German legend, XXIII. 46.
- TANNIN, tanning substances, XXIII. 47; XIV. 381.
- TANNING, of leather, XIV. 381.
- TANSV, herb, XII. 289.
- TANTALAI, Asia Minor, Tomb at, II. 401.
- TANTALEM, island, Malay Peninsula, XV. 321.
- TANTALIC OCHRE, mineral, XVI. 389.
- TANTALIS, town, Asia Minor, XV. 98.
- TANTALITE, mineral, XVI. 427.
- TANTALUM, chemical element, V. 541; XVII. 513.
- TANTALUS, of Greek mythology, XXIII. 48; XVIII. 480.
- TANTI LANGUAGE, Indian, XVIII. 183.
- TANTRAS, Brahman histories, XXI. 283.
- TANURIDES, family of acarids, II. 276.
- TAN-YANG (Nanking), ancient town, China, XVII. 171.
- TAOISM, or Taouism, Chinese religion, V. 671; XIV. 295; XX. 363; in Tibet, XXIII. 344; literature of, V. 664.
- TAONENSIS, Philippus, on birds, XVIII. 3.
- TAONISCUS, genus of birds, XXIII. 403.
- TAORMINA, town, Sicily, XXIII. 48; XVII. 302.
- TAOS, mountain, New Mexico, U.S.A., XVII. 399.
- TAO SILALAH, lake, Sumatra, XXII. 638.
- TAO-TEH-KING, Chinese book, XIV. 295, 296.
- TAOU-KWANG, emperor of China, V. 651.

- TAPACULO, bird, XXIII. 49.
 TAPAJOS, river, Brazil, XXI. 298.
 TAPAMANU, island, Tahiti Archipelago, XXIII. 22.
 TAPANHUNA, issue of Negro and Indian, XVII. 319.
 TAPANULI, residency, Sumatra, XXII. 639.
 TAPESTRY, ornamental textile, XXIII. 211; ancient, XXIII. 208; of Bayeux, III. 458; of Rheims, XX. 507.
 — CARPETS, v. 130.
 TAPE-WORMS, XXIII. 49; their pathological effects, XXIII. 53; method of treatment for removal, XXIII. 53.
 TAPHOZOUS, genus of bats, XV. 413.
 TAPHRURA (Sfax), ancient town, Tunis, XXI. 726.
 TAPIOCA, article of food, XXIII. 56.
 TAPIOLITE, mineral, XVI. 427.
 TAPIR, ungulate mammal, XXIII. 56; XV. 428; of South America, I. 682.
 TAP O' NOTH, Aberdeenshire, Scotland, Vitriified fort at, XXIV. 264.
 TAPPAN, tree, Borneo, IV. 57.
 — BAY, Hudson river, U.S.A., XII. 331.
 TAPROBANE, or Ceylon (*q.v.*), v. 364.
 TAPTI, river, India, IV. 21; XIV. 56; XXII. 667.
 TAPU, or Taboo (*q.v.*), XXIII. 15.
 TAPUN, bird, XV. 827.
 TAQI, Mir, Urdu poet, XI. 848.
 TAR, XXIII. 57; mineral, II. 715; from pine roots, XIX. 104. See also Tar-Water.
 TARA, town, Russia in Asia, XXII. 11; XXIII. 430.
 —, royal seat, Meath, Ireland, XV. 669; assembly of (554), XIII. 250.
 TARABULUS (Tripoli), town, Syria, XXIII. 576.
 TARAFÄ, Arabic poet, XVI. 537.
 TARAI, district, India, XXIII. 59; XI. 824.
 TARANGINI, Raja, metrical history of kings of Kashmir, XIV. 13.
 TARANJIS, or Tarantchis, Turkish tribes, Turkestan, XXIII. 636, 661.
 TARANTISM, dancing mania, XXIII. 60.
 TARANTO (Tarentum), town, Italy, XXIII. 61.
 —, Duke of (Macdonald), marshal of France, XV. 135.
 TARANTULA, spider, XXIII. 60.
 TARAPACA COAST, Peru, Guano deposits of, XVIII. 675.
 TARAPONS, race of people, Polynesia, XIX. 426.
 TARARE, town, France, XXIII. 60; XX. 529.
 TARAS, ancient town, Italy, XXIII. 61.
 TARASCON, town, France, XXIII. 60.
 TARASP, spa, Austria, XVI. 435.
 TARAXACUM, genus of plants, XXIII. 61; VI. 802.
 TARBES, town, France, XXIII. 61.
 TARDIGRADIDES, family of acarids, II. 276.
 TARENTEISE, valley, Savoie, France, XXI. 332.
 TARENTUM, ancient town, Italy, XXIII. 61; XX. 136; coins of, XVII. 637; terra-cotta remains at, XXIII. 193.
 TARES, or Vetches, forage crop, I. 376.
 TARGET, in archery, II. 376.
 TARGITAUS, Scythian patriarch, XXI. 576.
 TARGUM, in Jewish literature, XXIII. 62; III. 641; XIII. 429; XVI. 286.
 TARIFA, town, Spain, XXIII. 65.
 TARIFFS, Effects of, on commerce, VI. 203.
 TARIJA, department, Bolivia, IV. 10.
 TARIK, Moslem general, XVI. 572; XXII. 309.
 TARIM, river, Turkestan, XXIII. 638.
 TARLATAN, cotton fabric, XVII. 109; manufacture of, at Tarare, XXIII. 60.
 TARLETON, John, English jester, IX. 366.
 TARMA, town, Peru, XVIII. 675.
 TARN, department, France, XXIII. 65.
 TARNAK, river, Afghanistan, I. 229.
 TARN-ET-GARONNE, department, France, XXIII. 65.
 TARNOPOL, town, Galicia, Austria, XXIII. 66.
 TARO, food-plant in Polynesia, XIX. 419.
 TAREPAULIN, waterproof material, XXIII. 66.
 TARQUINII, Etruscan town, Italy, VIII. 634.
 TARQUINIUS PRISCUS, Lucius, Roman king, XXIII. 66; XX. 733.
 TARQUINIUS SUPERBUS, Lucius, Roman king, XXIII. 66; XX. 734.
 TARQUINO, Pico de, mountain, Cuba, VI. 679.
 TARQUINS, kings of Rome, XX. 733.
 TARRACO (Tarragona), Roman colony, Spain, XXIII. 67.
 TARRACONENSIS, Hispania, Roman province, Spain, XXII. 307.
 TARRAGON, herb, XII. 289.
 TARRAGONA, province, Spain, XXIII. 66; town, XXIII. 66; aqueduct near, II. 221.
 — WINE, Spain, XXIV. 607.
 TARRYTOWN, town, New York, U.S.A., XII. 331.
 TARS (Tarsus), Cloth of, XXIII. 210.
 TARSHISH, Phœnician colony, XVIII. 806.
 TARSIA-WORK, or Marquetry, XIII. 81.
 TARSIER, lemur, XIV. 443.
 TARSIPES, genus of marsupial mammals, XV. 382.
 TARSIVS, genus of lemurs, XIV. 443.
 TARSUS, ancient town, Asia Minor, XXIII. 67; v. 777.
 —, or Ankle, Anatomy of, I. 830; of mammals, XV. 360.
 TARTAGLIA, or Tartalea, Niccolò, Italian mathematician, XXIII. 68; on algebra, I. 513; on projectiles, XI. 297; his controversy with Cardan, v. 90.
 TARTAN, chequered cloth, XXIII. 68; costume, VI. 478.
 TARTAR, Cream of, VI. 556.
 — EMETIC, drug, XXIII. 69.
 TARTARIAN LAMB, stock of a tree-fern, XXIII. 535.
 TARTARIC ACID, XXIII. 69; enantiomorphism of, XIX. 314.
 TARTARIDES, family of arachnids, II. 288.
 TARTAR LANGUAGE, XXIII. 661; XXIV. 1; dictionaries of, VII. 192.
 TARTARS, or Tatars, Ural-Altaic people, XXIII. 70; XVI. 746; II. 697; XIV. 95; of the Crimea, VI. 586; XVI. 748; in Russia, XXI. 79; Samoyede clans, XXI. 251; Friar John's travels among, v. 132.
 TARTARUS, of Greek mythology, XXIII. 71.
 TARTARY, XXIII. 70; Rubruquis's travels in, XXI. 46.
 TARTESSUS (Tarshish), Phœnician colony, XVIII. 806.
 TARTINI, Giuseppe, Italian violinist and composer, XXIII. 71; XVII. 93.
 TARTINI'S BEATS, in music, XXIV. 421.
 TARTUFFE, Molière's play, XVI. 628.
 TARUDANT, town, Morocco, XVI. 834.
 TARVISIUM (Treviso), ancient town, Italy, XXIII. 554.
 TAR-WATER, VII. 263; XVII. 516; Berkeley on the medicinal virtues of, III. 590.
 TASAR (or TUSSUR) WORM, silkworm, XXII. 60; silk from, XII. 752.
 TASGAON, town, India, XXI. 317.
 TASHAUZ, town, Khiva, Asia, XIV. 64.
 TASHFYN, or Tashufin, Yussef ibn, Moorish general in Spain, I. 595; XIX. 539; XXII. 316.
 TASHILUNPO, monastery, Tibet, XXIII. 340.
 TASHKEND, town, Central Asia, XXIII. 71; observatory at, XVII. 716.
 TASHKURGAN, town, Turkestan, XXIV. 728.
 TASILI, plateau, Sahara, Africa, XXI. 149.
 TASK, The, Cowper's poem, VI. 534.
 TASMAN, Abel Janszen, Dutch navigator, XXIII. 72; x. 186; his discoveries in Australasia, III. 103; discoverer of New Zealand, XVII. 471.
 TASMANIA, island, Australasia, XXIII. 72; Flinders's circumnavigation of, IX. 324; forests, IX. 407; mines, XVI. 471; newspapers, XVII. 437.
 TASMANIAN DEVIL, marsupial mammal, XV. 380; XXIII. 74.
 TASMANIAN GUM-TREE, I. 88.
 TASSEREMUT, town, Morocco, XVI. 832.

- TASSIE, James, Scottish gem-engraver, XXIII. 75.
 —, William, gem-engraver, XXIII. 75.
 TASSO, Torquato, Italian poet, XXIII. 75; XIII. 510; as pastoral poet, XVIII. 345; Fairfax's translation of, VIII. 851.
 — ISLAND, Sierra Leone, West Africa, XXII. 44.
 TASSONI, Alessandro, Italian poet, XXIII. 79.
 TASTE, Sense of, XXIII. 79; in bees, III. 488; organs of, in man, I. 896; in Crustacea, VI. 639; in fishes, XII. 653; in mammals, XV. 367.
 —, of minerals, XVI. 379.
 TATARBAZARJIK, department, Roumelia, XXI. 21.
 TATAR (or TARTAR) LANGUAGE, XXIII. 661; XXIV. 1; dictionaries of, VII. 192.
 TATARS, or Tartars (*q.v.*), Ural-Altaic people, XXIII. 70; XVI. 746.
 TATE, Nahum, English hymn-writer, XXIII. 80; psalms and hymns by, XII. 590.
 —, Thomas, his double-action air-pump, I. 429.
 TATIAN, Christian apologist, XXIII. 80.
 TATISCHEFF, Basil, Russian historian, XXI. 106.
 TATIUS, Achilles, Alexandrian romance-writer, XX. 635.
 —, Titus, king of the Sabines, XX. 840.
 TATLER, The, Steele's journal, XVIII. 537; XXII. 528; Addison's connexion with, I. 148.
 TATOUAY, edentate mammal, XV. 387.
 TATS, or Tajaks (*q.v.*), Iranian peoples, Asia, XXIII. 25.
 TA-TSING, dynasty of China, V. 649, 653.
 TATTA, salt lake, Asia Minor, II. 704.
 TATTERSALL'S, horse mart, London, XIV. 829.
 TATTI, Jacopo (Jacopo Sansovino), Italian architect and sculptor, XXI. 295.
 TATTOOING, XXII. 548; in totem clans, XXIII. 469.
 TATUA, genus of wasps, XXIV. 392.
 TATUSIA, genus of edentate mammals, XV. 387.
 TAUMAT NIHA, mountain, Syria, XIV. 393.
 TAUDENI, oasis, Africa, XVII. 695.
 TAULEBE, Lake of, Honduras, XII. 130.
 TAULER, Johann, German mystic, XXIII. 82; X. 526; XVII. 133, 486.
 TAUNTON, town, England, XXIII. 82.
 —, town, Massachusetts, U.S.A., XXIII. 83.
 TAUPO, Lake, New Zealand, XVII. 467.
 TAURETHA, Gabriel, Syriac writer, XXII. 843.
 TAURIDA, government, Russia, XXIII. 83.
 TAURINI, Ligurian tribe, Italy, XIV. 639.
 TAURISCI, ancient people, Europe, XVII. 538.
 TAURISCUS of Tralles, Greek sculptor, II. 187.
 TAUROENTUM, ancient town, Var, France, XXIV. 69.
 TAUROMENIUM (Taormina), ancient town, Sicily, XXIII. 48.
 TAURUS, mountains, Asia Minor, XIV. 156; XV. 93; region of, II. 704.
 TAUSIKS, or Tajaks (*q.v.*), Iranian peoples, Asia, XXIII. 25.
 TAUTOCHROME (Cycloid), in mechanics, XV. 706.
 TAUTOG, fish, XXIV. 686.
 TAU TÖTÖNAL, mountain, Caucasus, V. 253.
 TAUUT, Egyptian divinity, VII. 718.
 TAVASTEHUS, province, Finland, IX. 217.
 TAVERNER, Richard, his edition of the English Bible, VIII. 386.
 TAVERNIER, Jean Baptiste, French Oriental traveller, XXIII. 83.
 TAVGHI SAMOYEDES, race of people, Russia, XXI. 251.
 TAVIRA, town, Portugal, XXIII. 84.
 TAVISTOCK, town, England, XXIII. 84.
 TAVIUNI, one of the Fiji Islands, IX. 156.
 TAVON, bird, XV. 827.
 TAVOY, district, Burmah, XXIII. 85.
 TAVRIS (Tabriz), town, Persia, XXIII. 18; XVIII. 626, 628.
 TAWAF, religious rite, Mecca, XV. 673.
 Tawe, river, Wales, XXII. 732.
 TAWILAH (Kishm), island, Persian Gulf, XIV. 102.
 TAWING, of leather, XIV. 389; in glove-making, X. 692.
 TAXACEÆ, group of plants, XXIV. 744.
 TAXACIS, Scythian sovereign, XXI. 576.
 TAXATION, XXIII. 85; history of, IX. 171; in relation to protection, IX. 755; royal prerogative of, XIX. 672; British, VIII. 242; in United States, XXIII. 827; Ricardo on, XX. 534; XIX. 374.
 TAXIDERMY, XXIII. 89.
 TAXILA, ancient town, India, XX. 110, 298; Bactrian inscription at, III. 222.
 TAXODIUM, genus of trees, XXI. 673.
 TAXONOMY, biological classification, III. 683; II. 49; its relation to morphology, XVI. 838, 845; influence of Darwinian doctrine on, XXIV. 810.
 TAXUS, genus of trees, XXIV. 743.
 TAY, river, Scotland, XXIII. 91; XVIII. 665; railway bridge across estuary of, IV. 340.
 —, Loch, Scotland, XIV. 217, 221; XVIII. 666.
 TAYGETUS, mountain, Greece, XIV. 193.
 TAYLOR, Arthur, on ancient London, XIV. 841.
 TAYLOR, Bayard, American writer, XXIII. 91.
 —, Brook, English mathematician, XXIII. 92; on magnetism, XV. 236; his theorem or series, XIII. 18.
 —, Sir Henry, English poet and colonial statesman, XXIII. 92.
 —, Isaac, English theological and philosophical writer, XXIII. 93.
 —, Jeremy, English preacher and theologian, XXIII. 93; VIII. 421; hymns by, XII. 592.
 —, John, English poet, XXIII. 95.
 —, John, president of the Mormons, XVI. 827.
 —, Michael, his mathematical tables, XXIII. 11.
 —, Sir Robert, British architect, II. 444.
 —, Samuel, English stenographer, XXI. 837.
 —, Sarah (Mrs Austin), English writer, III. 102.
 —, Thomas, his allegorizing of myths, XVII. 137.
 —, Tom, English dramatist and art critic, XXIII. 95.
 —, Zachary, president of the United States, XXIII. 96, 767, 768.
 — BUILDING, Oxford, England, XVIII. 96.
 TAYRA, carnivorous mammal, XV. 440.
 TAYRONAS, Indian tribe, South America, VI. 156.
 TAYTAO PENINSULA, Patagonia, XVIII. 352.
 TAYUMANAVAN, Tamil philosopher, XXIII. 44.
 TAZA, town, Morocco, XVI. 834.
 TCHAD, Lake, Soudan, Africa, I. 255; XXII. 278.
 TCHADYR-DAGH, mountain, Crimea, VI. 585.
 TCHANY, Lake, Siberia, XXII. 5; XXIII. 429, 439.
 TCHARA MOUNTAINS, Siberia, XXIII. 509.
 TCHEBOKSARUI, town, Russia, XIV. 20.
 TCHELABINSK, town, Russia, XVII. 826.
 TCHELNY, town, Russia, XXIII. 717.
 TCHELYUSKIN, T., Russian Arctic explorer, XIX. 318.
 TCHEMBAR, town, Russia, XVIII. 515.
 TCHEMKENT, town, Syr-Daria, Asia, XXII. 821.
 TCHERDYN, town, Russia, XVIII. 550.
 TCHEREMISSES, Ural-Altaic people, IX. 219; XXI. 79.
 TCHEREPOVETS FAIR, Russia, XVII. 607.
 TCHERKASSK (Cherkassk), district of Don Cossack country, Russia, VII. 356.
 TCHERKASY, town, Russia, XXIII. 96.
 TCHERKESSES, or Circassians, race of people, V. 788; XIV. 150.
 TCHERN, town, Russia, XXIII. 605.

- TCHERNAYA, river, Crimea, Russia, XXI. 616.
- TCHERNIGOFF, government, Russia, XXIII. 96; principality of, XXI. 89; town, XXIII. 96.
- TCHERNOMORSK, government, Russia, XXIII. 97.
- TCHETCHENIANS, or Tetchens, Caucasian tribe, v. 258; XIV. 475.
- TCHIGIRIN, town, Russia, XIV. 69.
- TCHIKISHLYAR, town, Transcasian Region, Russia, XXIII. 513.
- TCHINAZ, town, Syr-Daria, Central Asia, XXII. 819, 821.
- TCHIRA, town, Turkestan, XIV. 67.
- TCHISTOPOL, town, Russia, XXIII. 97; XIV. 20.
- TCHITA, town, Transbaikalia, Siberia, XXIII. 97; XVII. 352.
- TCHOLYM TARTARS, XXIII. 70.
- TCHORNAYA, river, Crimea, Russia, XXI. 616.
- TCHOTKAL MOUNTAINS, Russian Turkestan, XXII. 819.
- TCHOU MA, Chinese rhea fibre, XX. 506.
- TCHU, river, Syr-Daria, Asia, XXII. 819.
- TCHUDIS, people, Russia, XVII. 764.
- TCHUGUEFF, town, Russia, XIV. 57.
- TCHUKTCHIS, Siberian people, XII. 822; XIX. 329; XXII. 9.
- TCHULYM TARTARS, XXIII. 70.
- TCHUSOVAYA, river, Russia, XXIV. 279.
- TEA, XXIII. 97; resemblance of the plant to the camellia, IV. 738; adulterations of, I. 169, 170; cultivation of, in Bengal, III. 568; its first importation into England, v. 38; of Fuh-Keen, China, v. 636; of Hoo-nan, China, v. 637; of Keang-se, China, v. 635; of Kwang-tung, China, v. 639; of Po-urh Foo, China, v. 641; of India, XII. 750; of Assam, India, II. 720; on Himalayas, XI. 833.
- , Paraguay (Maté), XV. 627; IV. 227.
- TEACHING. See Education and Schools.
- TEA DRINKING, XXIII. 101.
- TEAK, tree, XXIII. 103; II. 693; IX. 405; strength of the wood, XXII. 603.
- TEAL, bird, XXIII. 105; VII. 506.
- , Summer, bird, X. 80.
- TE ANAU, Lake, New Zealand, XVII. 467.
- TEAPI (Rapanui), island, South Pacific, XX. 273.
- TEARS, Apparatus for the secretion and conveyance of, I. 891; diseases of lachrymal apparatus, XVII. 786.
- OF THE MUSES, Spenser's poem, XXII. 395.
- TEA-SEED OIL, XVII. 744.
- TEASER, bird, XXII. 125.
- TEASLING, in woollen manufacture, XXIV. 661.
- TEA TAX (1773), Agitation against, at Boston, U.S.A., XXIII. 739.
- TEATE, town, Italy, v. 615.
- TEATS, Number of, in different animals, XVI. 301.
- TEAZING, of wool, XXIV. 657.
- TEBBUTT'S OBSERVATORY, Windsor, New South Wales, XVII. 716.
- TEBESSA, plateau, Tunis, XXIII. 620.
- TEBRUK, harbour, Tripoli, North Africa, XXIII. 575.
- TECH, river, France, XX. 128.
- TECHNICAL EDUCATION, XXIII. 105.
- TECTIBRANCHIATA, section of Mollusca, XVI. 655.
- TECTOLOGY, branch of morphology, XVI. 842.
- TECTONA, genus of trees, XXIII. 103.
- TECTOSAGES, tribe of people, Asia Minor, X. 18.
- TECUMSEH, American-Indian chief, XXIII. 759.
- TEDA, tribe, North Central Africa, XXIII. 334.
- TEDDINGTON, town, England, XXIII. 220.
- TE DEUM, ancient hymn, XII. 581; Handel's settings of, XI. 435; XX. 113; Purcell's, XX. 113.
- TEEN WANG, emperor of China, v. 652.
- TEES, river, England, XXIV. 746; improvement works on, XX. 579.
- TEESWATER, breed of cattle, I. 387.
- SHEEP, I. 392.
- TEETH, XXII. 107; human, VII. 232; structure and diseases of, VII. 96, 97; artificial, VII. 99; XIII. 523; of apes, II. 164; of fishes, XII. 654; of the horse, XII. 178; of mammals, XV. 349 (and article Mammalia throughout); of mastodon, XV. 622; of snakes, XXII. 190; of vole, XXIV. 277; of walrus, XXIV. 337.
- , of wheels, in mechanics, XV. 758, 767; of clock wheels, VI. 32.
- TEETHING, in children, VII. 97.
- TEETOTAL SOCIETIES, XXIII. 159.
- TEFF, herbaceous plant in Abyssinia, I. 63.
- TEFILLIN, Jewish prayer-thongs, XIX. 1.
- TEGEA, ancient town, Greece, XXIII. 109; XV. 503.
- TEGGIANO, or Diano, town, Italy, VII. 167.
- TEGNÉR, Esaias, Swedish writer, XXIII. 110; XXII. 757.
- TEGUCIGALPA, department, Honduras, XII. 132.
- TEGUMENTARY STRUCTURES, of Mammalia, XV. 347.
- TEHAMAH, district, Arabia, II. 237, 253.
- TEHERAN, town, Persia, XXIII. 111; XVIII. 626, 628.
- TEHOO, ancient town, Yucatan, XVI. 36.
- TEHRAN (Teheran), town, Persia, XXIII. 111; XVIII. 626, 628.
- TEHRI (Orchha), native state, India, XVII. 816.
- TEHUANTEPEC, isthmus and town, Mexico, XXIII. 111.
- TEIA, or Teias, Gothic king, XIII. 467; XVII. 233.
- TEIGNMOUTH, town, England, XXIII. 112.
- TEIKOVO, town, Russia, XXI. 849.
- TEINDS, in Scots law, XXIII. 413.
- TEIR, islet, Red Sea, XX. 316.
- TEISPES, Persian king, XVIII. 565.
- TEITH, river, Scotland, XVIII. 666.
- TEJEN, oasis, Transcasian Region, Russia, XXIII. 512.
- TEJEND, or Tejen, river, Merv, XVI. 43.
- TEJO, or Tagus, river, Portugal, XXIII. 21.
- TEJUCO (Diamantina), town, Brazil, VII. 162.
- TEKIR (Cnidus), town, Asia Minor, VI. 44.
- TEKKES, Turcoman tribes, XVI. 42; XXIII. 661.
- TEKTAMISH, division of Turkomans, XVI. 43.
- TELAV, town, Transcaucasia, Russia, XXIII. 514.
- TELCHINES, mythical people, Rhodes, XX. 526.
- TELECLES, Greek sculptor, II. 347.
- TELEDU, carnivorous mammal, XV. 440.
- TELEGONUS, in Greek legend, XXIII. 671.
- TELEGRAPH, XXIII. 112; invention of, I. 746; Edgeworth's invention, VII. 656; Wheatstone's inventions, XXIV. 538; influence of, on commerce, VI. 206; in Europe, VIII. 709; laying ocean cables, XXII. 281; Anglo-Indian, through Persia, XVIII. 652; postal, XIX. 574; use of, in war, XXIV. 347; Chappe's simple French, v. 397.
- PLANT, its spontaneous movements, XIX. 61.
- TELEGRAPHY, Morse's system of, XVI. 847; heliographic, XI. 632.
- TELEMACHUS, son of Odysseus, XVII. 729.
- TÉLÉMAQUE, Fénelon's book, IX. 73.
- TELEMETER, or Rangefinder, XXIII. 126.
- TELEOLOGY, in theology, XXIII. 248; as science of organic adaptations, VIII. 753; XXIV. 802, 817; Kant's, XIII. 854.
- TELEOSTEI, subclass of fishes, XII. 688.
- TELEPHONE, XXIII. 127; post-office, XIX. 576.
- TELEPHUS, founder of Pergamum, XVIII. 527.
- TELESCOPE, XXIII. 135; XIV. 594; XVII. 806; Galileo's invention of, II. 753; X. 31; micrometer for, XVI. 242; use of, for surveying, XXII. 718; zenith, X. 167; Sir Wm. Herschel's, XI. 766, 767; Rosse's, XX. 855.
- TELESINUS, C. Pontius, Samnite leader, XXI. 249.

- TELESIO, Bernardino, on evolution, VIII. 758.
- TELESPHORUS, bishop of Rome, XXIII. 154.
- TELESTEREOSCOPE, landscape stereoscope, XXII. 541.
- TELFORD, Thomas, Scottish civil engineer, XXIII. 154; his designs for aqueducts, II. 229; on roadmaking, XX. 582.
- TELL, district, North Africa, I. 563; XVII. 628.
- , Wilhelm, Schiller's drama, XXI. 398.
- , William, Swiss hero, XXIII. 155.
- , William, Rossini's opera, XX. 861.
- TELLER, or Tallier, account keeper, XXIII. 29.
- , Romanus, German Biblical scholar, XXIII. 156.
- , Wilhelm Abraham, German rationalist, XXIII. 156; XX. 290.
- TELLEZ, Gabriel (Tirso de Molina), Spanish dramatist, XXIII. 157; VII. 421; XXII. 358.
- TELLICHERRI, town, India, XXIII. 157.
- TELLIER, François Michel le, marquis de Louvois, XV. 26; II. 600; IX. 576.
- TELLPÖSS, mountain, Russia, XIV. 282.
- TELLURIC ACID, v. 506.
- TELLURIC BISMUTH, mineral, XVI. 380.
- TELLURITE, mineral, XVI. 388.
- TELLURIUM, chemical element, XXI. 632; v. 498; XVI. 380, 393.
- ALCOHOLS and ETHERS, v. 553.
- TELMESSUS, town, Asia Minor, XV. 93.
- TELOK BETONG, town, Sumatra, XXII. 639.
- TELPHERAGE, mode of electric traction, XXIII. 496.
- TELUGU LANGUAGE, XII. 778; XVIII. 779; XXIII. 41; dictionaries of, VII. 191.
- TELUK ANSON, town, Perak, Straits Settlements, XXII. 587.
- TEMA, Egyptian weight, XXIV. 486.
- TEMBI, affluent of Niger, Africa, XVII. 496.
- TEME, river, Wales, XX. 217.
- TÉMÉRAIRE, The Fighting, Turner's picture, XXI. 441; XXIII. 667.
- TEMESVAR, town, Hungary, XXIII. 157.
- TEMIMI, Ismael b. Muhammed, Druse teacher, VII. 484.
- TEMIRSK, town, Russia, XXIV. 6.
- TEMISCAMINGUE, Lake, Canada, XX. 165.
- TEMMINCK, Konrad Jacob, Dutch ornithologist, XXIII. 157; on birds, XVIII. II, 14.
- TEMNIKOFF, town, Russia, XXIII. 41.
- TEMNUS, Mount, Mysia, Asia Minor, XVII. 122.
- TEMPE, Vale of, Greece, XXIII. 298.
- TEMPEL'S COMET, VI. 192, 193.
- TEMPERA, method of painting, XXIII. 157; XVII. 42.
- TEMPERAMENT, in music, XVII. 91.
- TEMPERANCE, one of the cardinal virtues, in Plato's philosophy, VIII. 580; in Socratic teaching, XXII. 237; II. 677.
- LEGISLATION, XIV. 688; in connexion with Sunday observance, XXII. 656.
- SOCIETIES, XXIII. 158.
- TEMPERATURE, XI. 555; bodily sensations of, XXIII. 482; of the human body, XVIII. 393; life conditioned by, III. 680; perception of, by bees, III. 487; its influence on movement of plants, XIX. 62; absolute, XXII. 480; XXIII. 285; of blast furnaces, XIII. 314; its effect on elasticity, VII. 813; of flames, IX. 283; as affected by height above sea-level, VI. 2; effect on iron, XIII. 279, 355; changes in length of structures caused by, IV. 289; relations of, to magnetization, XV. 271; measurement of, XX. 129; effect on pendulums, VI. 16; effect on sound, I. 103; its relation to surface-tension, v. 71; effect on vapour, VIII. 727; effect on weighing and measuring, XXIV. 478; atmospheric, XVI. 115; of lakes, XIV. 218; of Baltic Sea, III. 295; in Himalayas, XI. 829; of Mediterranean Sea, XV. 822; of Pacific Ocean, XVIII. 118; in Polar Regions, XIX. 327; fluctuations of, in United States, XXIII. 804.
- TEMPERING, of steel, II. 64; XIII. 352.
- TEMPEST, The, Shakespeare's play, XXI. 765.
- TEMPIO, town, Sardinia, XXI. 309.
- TEMPLARS, Knights, military order, XXIII. 160; XVI. 709; their conflicts with Knights Hospitallers, XXI. 174; suppression of, v. 821; VI. 631; suppression in England, VIII. 317; suppression in France, IX. 544.
- TEMPLE, TEMPLES, places of worship, XXIII. 165; of Herod, at Jerusalem, II. 393; XXIII. 168; of Solomon, at Jerusalem, II. 392; XXIII. 166; of Zerubabel at Jerusalem, XXIII. 167; of Baalbec, III. 177; of Babylonia, III. 189; of Egypt, II. 388; VII. 776; of Greece, II. 403, 409; of India, II. 394; of Rome, II. 415, 418; XX. 816, 827; of Peace, at Rome, III. 414; examples of, at Selinus, XXI. 633.
- , Inner and Middle, legal societies, London, XIII. 87.
- , Earl, his alleged identity with Junius, XIII. 777.
- , Henry John, Viscount Palmerston (*q.v.*), XVIII. 193.
- , Sir William, English diplomatist and writer, XXIII. 171; XIX. 357; his relations with Swift, XXII. 762.
- BAR, London, XIV. 845.
- HILL, Jerusalem, XIII. 639.
- TEMPLETON, James, his invention for carpet-weaving, v. 131.
- TEMPORAL POWER, of the popedom, its abolition, XIX. 508.
- TEMUCHIN, Mongol chief, XIII. 620.
- TENACITY, in minerals, XVI. 378; of iron and steel, XIII. 353.
- TENAILLE, in fortification, IX. 434, 437.
- TENAMPUA, Ruins of, Honduras, XII. 131.
- TENANCY, in law, XIV. 273.
- TENANT, his legal relations to his landlord, XIV. 272, 268; of land, in England, XIV. 264; rent payable by, XX. 402; homage rendered by, in feudal times, XIV. 114.
- TENANT-AT-WILL, I. 407, 411.
- TENANT-RIGHT, I. 407; of copyholder, VI. 356; in Ireland, XIV. 277.
- TENASSERIM, division, Burmah, XXIII. 172; birds of, III. 761.
- TENBURY, town, England, XXIV. 666.
- TENBY, town, Wales, XXIII. 172; XVIII. 482.
- TENCH, fish, XXIII. 173; angling for, II. 43.
- TENCHEBRAI, France, Battle of (1106), XI. 656; XVII. 544.
- TEN COMMANDMENTS, The, VII. 15; XIII. 399.
- TENDER, Legal, of payment, XVIII. 441.
- TENDON, in anatomy, I. 834; granulations of, XVIII. 364.
- TENDRE, Mont, Switzerland, XIII. 781.
- TENDRILS, Twining of, XIX. 60.
- TENERIFFE, one of the Canary Islands, I. 272; IV. 798; wine of, XXIV. 607.
- TENIERS, David, Flemish painter, XXIII. 173; XVIII. 58.
- TENIMBER (Timor Laut), island, Indian Archipelago, XXIII. 398; XVI. 697.
- TENISON, Thomas, archbishop of Canterbury, XXIII. 175.
- TENKASI, town, India, XXIII. 405.
- TENNANT, Smithson, English chemist, XVI. 63.
- , William, Scottish poet, XXIII. 175.
- TENNANTITE, mineral, XVI. 395.
- TENNANT'S SYSTEM, of fallowing, I. 338.
- TENNENT, Sir James Emerson, English politician and traveller, XXIII. 176.
- TENNESSEE, river, U.S.A., XXIII. 177.
- , State, U.S.A., XXIII. 176; opium cultivation in, XVII. 792.
- PASS, Rocky Mountains, U.S.A., XXIII. 796.
- TENNIEL, John, English caricaturist, v. 105.
- TENNIS, game, XXIII. 179.
- , Lawn, game, XXIII. 181.
- TENOCHTITLAN (Mexico), ancient town, Mexico, XVI. 209.
- TENORITE, mineral, XVI. 385.

- TENOS, island, Ægean Sea, Pilgrimages to, XIX. 95.
- TEN-PINS, American game, IV. 180.
- TENREC, or Ground Hog, of Madagascar, XI. 610; XV. 404.
- TEN SEPHIROTH, of Kabbalah, XIII. 811.
- TENSIFT, river, Morocco, XVI. 832.
- TENSION, in electricity, VIII. 60.
- , in mechanics, XV. 739; effect of, on magnetization, XV. 269; fracture by, XXII. 601.
- , Stoic doctrine of, XXII. 563.
- , Surface, of liquids, V. 56.
- TENT, XXIII. 183.
- , wine (tinto), XXIV. 607.
- TENTE D' ABRI, of French army, XXIII. 183.
- TENTERDEN, town, England, XIV. 39.
- TEN THOUSAND, Retreat of the, XVIII. 577; XXIV. 720.
- TEN THOUSAND A YEAR, Warren's novel, XXIV. 373.
- TENTYRA (Denderah), ancient town, Egypt, VII. 77.
- TENURE, of land, I. 406; XIV. 259; XX. 307; in Ireland, XIII. 218; burgage, IV. 532; feudal, XIV. 114; servile, I. 414; Littleton on the law of, XIV. 704.
- TEN YEARS' CONFLICT, The, in Scottish Church, IX. 743.
- TEOCALLIS, ancient temples, Mexico, I. 695; II. 450.
- TEOS, Coins of, XVII. 647.
- TEPANECs, people, ancient Mexico, XVI. 209.
- TEPHROITE, mineral, XVI. 410.
- TEPLITZ, town and spa, Bohemia, XXIII. 183; XVI. 433.
- TEPLOS-IZ, mountain, Russia, XXIV. 4.
- TEPPUKULAM, tank, Madura, India, XV. 193.
- TERAGAI, father of Timur, XXIII. 399.
- TERAMO, town, Italy, XXIII. 184.
- TERAPHIM, of Scripture, XXIII. 184.
- TERATOLOGY, Animal, branch of morphology, XVI. 762.
- TERBIUM, earth metal, XIV. 292; spectrum of, XXII. 376.
- TERBURG, Gerard, Dutch painter, XXIII. 184.
- TERCEIRA, island, Azores, III. 171; battle off (1582), V. 351.
- , Duke of, Portuguese statesman, XIX. 553.
- TEREBINTH, tree, XXIII. 669.
- TEREBRANTIA, group of insects, XIII. 148.
- TEREBRATULIDÆ, family of Brachiopoda, IV. 194; XIX. 440.
- TEREDO, genus of Mollusca, XXIII. 184; XVI. 685.
- TEREK, government, Russia, XXIII. 186.
- , river, Caucasus, V. 254; XXI. 74; XXIII. 186.
- TERELLA, spherical magnet, XV. 222.
- TERENCE, Roman dramatist, XXIII. 186; VII. 411; his obligations to Menander, XVI. 2; his place in Roman literature, XX. 718.
- TERENTIUS MAXIMUS, Parthian pretender, XVIII. 603.
- TEREPHTHALIC ACID, XVIII. 855.
- TERES, Thracian king, XXIII. 318.
- TERESA, or Theresa (*q.v.*), Spanish saint, XXIII. 281.
- TERGESTE (Trieste), ancient town, Illyricum, XXIII. 560.
- TER GOES, town, Holland, X. 720.
- TER GOUWE (Gouda), town, Holland, XI. 1.
- TERLIZZI, town, Italy, XXIII. 188.
- TERM, in law, XXIII. 188.
- TERMES, I. 260. See Termites.
- TERMESUS, town, Asia Minor, XIX. 130.
- TERMEZ, town, Central Asia, XII. 3.
- TERMILÆ, tribe, Asia Minor, XV. 92.
- TERMINABLE ANNUITIES, public loans, XVII. 244.
- TERMINER, Oyer and, in English law, XVIII. 106.
- TERMINI, town, Sicily, XXIII. 188.
- , of railways, XX. 234.
- TERMINILLO, Monte, mountain, Italy, XIII. 438.
- TERMITES, or White Ants, I. 260; II. 99; XIII. 146, 152.
- TERMITIDÆ, group of insects, XIII. 152.
- TERMONDE (Dendermonde), town, Belgium, VII. 78.
- TERN, bird, XXIII. 189.
- TERNATE, island and town, Indian Archipelago, XXIII. 189.
- , residency, Dutch East Indies, V. 289; XXIII. 189.
- TERNEPLATE, coated iron-plate, XIII. 357.
- TERNI, town, Italy, XXIII. 190.
- TERNSTRÖMIACÆ, order of plants, XXIII. 97.
- TERPANDER, Lesbian poet and musician, XXIII. 190; on Greek music, XVII. 78.
- TERPENES, series of hydrocarbons, V. 559; XVII. 748.
- TERPSICHORE, Muse of the dance, XVII. 74.
- TERRACINA, town, Italy, XXIII. 190.
- TERRA-COTTA, decorative clay-work, XXIII. 190; Assyrian, II. 399; Etruscan, VIII. 641, 643; Japanese, XIII. 590.
- TERRA DI BARI, province and town, Italy, III. 374.
- TERRA DI LAVORO, plain, Italy, XIII. 439.
- TERRA JAPONICA, or Black Catechu, V. 220.
- TERRANOVA, town, Sicily, XXIII. 195.
- TERRAPIN, reptile, XXIII. 455, 458.
- TERRA SIGILLATA, medicinal earth, XIV. 436.
- TERRE HAUTE, town, Indiana, U.S.A., XXIII. 195.
- TERRESTRIAL MAGNETISM, XVI. 159.
- TERRIBLE, Mont, Switzerland, XIII. 782.
- TERRICOLÆ, earthworms, XXIV. 677.
- TERRIER, dog, VII. 331.
- TERROR, Reign of, in France, IX. 606; XX. 603.
- TERSATICA (Fiume), ancient town, Liburnia, IX. 273.
- TERSTEEGEN, Gerhard, German religious writer, XXIII. 195; as hymn-writer, XII. 588.
- TERTIARIES, order of monks and nuns, IX. 700.
- TERTIARY PERIOD, in geology, X. 360; distribution of animals in, VII. 275.
- TERTULLIAN (Quintus Septimius Florens Tertullianus), early church writer, XXIII. 196; XVI. 776; on the canon, V. 8; creed of, VI. 559.
- TERUDANT, town, Morocco, XVI. 834.
- TERUEL, province and town, Spain, XXIII. 198.
- TESCHEN, town, Austria, XXIII. 198; peace of (1779), IX. 594.
- TESHUFIN, or Tashufin, Yusuf ibn, Moorish leader in Spain, I. 595; XIX. 539; XXII. 316.
- TESHU-LUMBO, monastery, Tibet, XXIII. 340.
- TESSERACONTERES, ancient Greek ship, XXI. 806, 807.
- TESSIN (Ticino, *q.v.*), canton, Switzerland, XXIII. 351.
- , Karl Gustaf, Swedish philosopher, XXII. 755.
- TESTACCIO, Monte, Rome, XX. 831; games at, V. 121.
- TEST ACTS, English, XXIII. 199; VIII. 349, 352.
- TESTAMENT, in law, XXIV. 570; in Roman law, XX. 674, 691, 706, 713.
- , Old and New, Canon of the, V. 1, 7. See also Bible.
- TESTATOR, in law, XXIV. 571.
- TESTIMONY, Probability of, XIX. 777.
- OF THE ROCKS, Hugh Miller's work, XVI. 320.
- TESTING MACHINES, for determining strength of materials, XXII. 596.
- TESTRY, France, Battle of (687), IX. 531.
- TESTUDINIDÆ, family of chelonian reptiles, XXIII. 457.
- TESTUDO, genus of chelonian reptiles, XXIII. 452, 456, 457.
- TET, river, France, XX. 128.
- TETANUS, disease, XXIII. 199; XVIII. 391; production of, XIX. 25.
- TETE, district, East Africa, XVII. 7; town, XXIV. 765.
- TÊTE-DE-PONT, in fortification, IX. 435.
- TETHYS, genus of Mollusca, XVI. 657.
- TETIAROA, island, Tahiti Archipelago, XXIII. 22.
- TETNULD, mountain, Caucasus, V. 253.
- TETOUAN, or Tetuan, town, Morocco, XVI. 830; XXIII. 200.
- TETRABRANCHIATA, order of Mollusca, XVI. 668.

- TETRACHORDS, in Greek music, XVII. 78.
 TETRACINELLIDA, tribe of sponges, XXII. 421.
 TETRADYMITÉ, mineral, III. 790; XVI. 380.
 TETRAGRAMMATON, of the Kabbalah, XIII. 812.
 TETRAHEDRITE, mineral, VI. 347; XVI. 395.
 TETRAHEDRON, in geometry, X. 388.
 TETRALOGY, in Greek drama, VII. 406; in Greek rhetoric, XX. 509.
 TETRAMERA, group of insects, VI. 133; XIII. 149.
 TETRANE, hydrocarbon, V. 558.
 TETRANYCHI, family of acarids, XVI. 528.
 TETRAOGALLUS, genus of birds, XVIII. 333.
 TETRAPHYLLIDÆ, family of tape-worms, XXIII. 54.
 TETRAPLA, Origen's work, XVII. 840.
 TETRAPTURUS, genus of fishes, XXII. 804.
 TETRARCH, ancient ruler's title, XXIII. 200.
 TETRARHYNCHIDÆ, family of tape-worms, XXIII. 54.
 TETRASTEMMA, genus of nemertine worms, XVII. 326.
 TETRODON, genus of fishes, X. 685.
 TETUAN, town, Morocco, XXIII. 200; XVI. 830.
 —, Duke of (Leopold O'Donnell), Spanish statesman, XVII. 727; XXII. 346.
 TETUARA (Tetiara), island, South Pacific, XXIII. 22.
 TETZEL, John, German Dominican monk, XV. 72; XX. 326.
 TEUCER, of Greek legend, XXIII. 582.
 TEUCHIT, bird, XIV. 308.
 TEUKCHAM, town, Formosa, China, IX. 417.
 TEUTA, Illyrian queen, XII. 709.
 TEUTONES, German tribe, XXIII. 201; V. 780; X. 474.
 TEUTONIC, The name, X. 847.
 — ALPHABET, I. 612.
 — LANGUAGES, X. 514, 852; VIII. 390; IX. 787; XII. 84; XVIII. 785; XXI. 366; dictionaries of, VII. 186.
 — LAWS, XXI. 212.
 — ORDER, of Knights, XXIII. 201; XVI. 709; XX. 6; their conflicts with Poland, XIX. 288, 289, 290; at Riga, XX. 554; in Russia, XXI. 92.
 TEVERONE, river, Italy, II. 57.
 TEVIOT, river, Scotland, XXI. 33; XXIII. 673.
 TEWKESBURY, town, England, XXIII. 201.
 TEXAS, State, U.S.A., XXIII. 202.
 TEXTILES, woven fabrics, XXIII. 206; Venetian, XXIV. 156; adulterations of, I. 176; fibres for, IX. 131.
 TEXTULARIDEA, order of Protozoa, XIX. 847.
 TEXTURES, or Tissues, XII. 4; in man, I. 842; vegetable, XII. 10.
 TEYDE, Pico de, mountain, Canary Islands, IV. 798.
 TEZA, town, Morocco, XVI. 834.
 TEZCATLIPOCA, Mexican deity, XVI. 211.
 TEZCUCO, ancient town, Mexico, XVI. 209, 210.
 THACKERAY, William Makepeace, English novelist and critic, XXIII. 214; as satirist, XXI. 320.
 THADDEUS OF WARSAW, Miss Porter's work, XIX. 527.
 THAIS, Menander's comedy, XVI. 2.
 THALASSICOLLA, genus of Protozoa, XIX. 849.
 THALBERG, Sigismund, Italian pianist and composer, XXIII. 217.
 THALEICHTHYS, genus of fishes, XXI. 221, 224.
 THALÉN, his experiments in magnetism, XV. 254; his spectroscopic observations, XXII. 377.
 THALES of Miletus, Greek astronomer and philosopher, XXIII. 217; on astronomy, II. 746; his discovery of electric properties in amber, I. 659.
 THALIA, Muse of comedy, XVII. 74.
 THALIACEA, order of Tunicata, XXIII. 609, 615.
 THALLIUM, chemical element, XXIII. 219; V. 530.
 THALLOPHYTA, division of the vegetable kingdom, III. 692; XX. 430; XXIV. 125.
 THALLUS, vegetative system of lichens, XIV. 552.
 THAM, Rabbenu, Rabbinic scholar, XXIII. 39.
 THAMAR, queen of Georgia, X. 432.
 THAME, river, England, XVIII. 93; XXIII. 220.
 THAMES, river, England, XXIII. 220; VIII. 216; XVI. 279; at Oxford, XVIII. 93; whitebait fishery of, XXIV. 550; rowing on, XXI. 30.
 — TUNNEL, London, XXIII. 623; construction of, IV. 397, 398.
 THAMMUZ, of Scripture, I. 163.
 THAMUDIC INSCRIPTIONS, XXI. 651.
 THANA, district, India, XXIII. 220; town, XXIII. 221.
 THANES, early English nobility, VIII. 274; XIV. 110; XVII. 529; XVIII. 302.
 THANET, Isle of, England, XIV. 37.
 — SANDSTONE, rock, X. 361.
 THAPSACUS (Tiplah), Mesopotamia, Crossing of Euphrates at, XVI. 49.
 THARANDITE, mineral, XVI. 397.
 THAR AND PARKAR, district, India, XXIII. 221.
 THARRAWADDY, district, Burmah, XXIII. 221.
 THARSIS, Spain, Mines of, XII. 334.
 THARUS, Hindu race, India, XVIII. 73.
 THASOS, island, Greece, XXIII. 221.
 THATCHING, for buildings, IV. 501.
 THAUMACI, town, Thessaly, Greece, XXIII. 299.
 THAUMATROPE, Plateau's invention, XIX. 189.
 THAUMATURGUS, St Gregory, XI. 181; VI. 559; XVIII. 486.
 THAUN, Philippe de, early French writer, IX. 643; on birds, XVIII. 3.
 THAVETMYO, district, Burmah, XXIII. 222.
 THEA, genus of shrubs, XXIII. 97.
 THEÆTETUS, dialogue of Plato, XIX. 207.
 THEAGENES, tyrant of Megara, XV. 828.
 THEATINES, monastic order, XVI. 711; XXIII. 547.
 THEATRE, THEATRES, XXIII. 222; of Aspendus, Asia Minor, II. 715; Chinese, V. 666; Dionysiac, at Athens, III. 3; English, VII. 428; English, in time of Elizabeth, VIII. 419; English, under the Puritans, VII. 433; English, modern, VII. 439; of London, in time of Shakespeare, XXI. 760; Greek, structure of, II. 413; of New York, XVII. 461; of Paris, XVIII. 277; Roman, VII. 411; XX. 830; Roman, architecture of, II. 419; remains of that at Tauromenium, XXIII. 48.
 THEATRE-FIRES, fireworks, XX. 135.
 THÉÂTRE FRANÇAIS, at Paris, VII. 427.
 THÉBAÏDE, La, Racine's drama, XX. 205.
 THEBAIS, Statius's poem, XXII. 466.
 THEBAN LEGION, Legend of the, XV. 637.
 THEBES, town, Egypt, VII. 776; mummies of, XVII. 21; pyramids of, XX. 124; sphinx at, II. 387; tomb of Menptah at, XXIII. 622.
 —, town, Greece, XXIII. 229; XI. 103; capture of, by Alexander, I. 481; under Epaminondas, VIII. 456; under Pelopidas, XVIII. 479; its contests with the Plataeans, XIX. 177; sphinx of, XXII. 398; expedition of the Seven against, I. 164.
 —, Romance of, XX. 639.
 THECEURYBIA, genus of Mollusca, XVI. 666.
 THECIDÆDÆ, family of Brachiopoda, IV. 195.
 THECIUM, in reproductive system of lichens, XIV. 554.
 THECLA, St, XXIII. 231.
 THECOSOMATA, order of Mollusca, XVI. 666.
 THEFT, in law, XXIII. 231.
 THEFTBOTE, in law, XXIII. 233.
 THEGNS, early English nobility, VIII. 274; XIV. 110; XVII. 529; XVIII. 302; XXI. 36.
 —, The Twelve, Anglo-Saxon jury, XIII. 784.
 THEISM, XXIII. 234.

- THEISS, river, Hungary, III. 116; XII. 362.
- THELYPHONIDEA, order of arachnids, II. 286.
- THEMIS, in Greek mythology, XXIII. 250.
- THEMISTIUS, Byzantine rhetorician, XXIII. 250; as Neoplatonist philosopher, XVII. 337.
- THEMISTOCLES, Greek general, XXIII. 250; XI. 99; in exile in Persia, XVIII. 574.
- THÉNARD, Louis Jacques, French chemist, XXIII. 251; his experiments with Gay-Lussac, X. 123.
- THERNARDITE, mineral, XVI. 400; XXII. 240.
- THEOBALD, count of Champagne and king of Navarre, XVII. 250; as crusader, XXIII. 161.
- , Lewis, English playwright, XXIII. 252.
- THEOBROMINE, in chemistry, VI. 102.
- THEOCRACY, The, in Israel, XIII. 398.
- THEOCRITUS, Greek pastoral poet, XXIII. 252.
- THEODELINDA, queen of the Lombards, XIV. 815; relics of, at Monza, Italy, XVI. 798.
- THÉODICÉE, *Essais de*, Leibnitz's work, XIV. 420.
- THEODOLITE, its use in geodesy, VII. 598, 599; X. 165; in surveying, XXII. 698, 719.
- THEODORA, wife of the emperor Justinian, XXIII. 253, 798.
- , senatrix of Rome, XX. 787.
- THEODORE I.-II., popes, XXIII. 255.
- , king of Abyssinia, I. 66.
- I. (Baron von Neuhof), king of Corsica, XVII. 362.
- , archbishop of Canterbury, VIII. 370.
- , bishop of Merv, Syriac writer, XXII. 837.
- of Mopsuestia, early Christian writer, XXIII. 254.
- BAR WAHON, Syriac scholar, XXII. 852.
- THEODORET, bishop of Cyprus, XXIII. 255; XXII. 238.
- THEODORIC, king of the East Goths, XXIII. 256; X. 850; XIII. 467; XX. 782; at Ravenna, XX. 297.
- II., chief of the West Goths, in Spain, XXII. 308.
- , Frankish king, X. 476.
- THEODORUS, Roman pretender, XXIV. 35.
- , Greek gem-engraver, X. 138.
- of Samos, Greek sculptor, II. 347.
- PRODRUMUS, Byzantine writer, XI. 145, 148.
- THEODOSIA, town, Crimea, Russia, XXIII. 257; VI. 586.
- THEODOSIAN CODE, in Roman law, IV. 262; VI. 105; XX. 711.
- THEODOSIO, prince of Brazil, XIX. 548.
- THEODOSIOPOLIS (Rhesæna), town, Mesopotamia, XVI. 48.
- THEODOSIUS I., Roman emperor, XXIII. 257; XX. 779; his contentions with Ambrose, I. 663.
- II., emperor of the East, XXIII. 259.
- III., emperor of the East, XXIII. 259.
- , Roman general, in Scotland, IV. 663.
- , bishop of Edessa, Syriac writer, XXII. 846.
- of Tripolis, Greek geometer and astronomer, XXIII. 259.
- THEODOTUS, Valentinian theologian, XXIV. 38.
- of Byzantium, teacher of Monarchian heresy in Rome, XVI. 719; XIII. 671.
- THEOGNIDEA, Greek poems, XXIII. 260.
- THEOGNIS of Megara, Greek poet, XXIII. 260; XV. 828.
- THEOGONY, Hesiod's poem, XI. 777.
- THEOLOGICAL ETHICS, department of theology, XXIII. 275; Rothe's work, XXI. 2; XXIII. 270.
- THEOLOGY, XXIII. 260; apologetic, II. 189; dogmatic, VII. 332; Liguorian, XIV. 636; of the Middle Ages, XX. 383; of Origen, XVII. 841; Pauline, XVIII. 423; scholastic, XXI. 417; Valentinian, XXIV. 38; application of logic to, XXI. 421; as influenced by Neoplatonism, XVII. 338; Calvin's system of, IV. 720; Schleiermacher's, XXI. 411, 413.
- THEOPHANIA, or Theophano, wife of the emperor Otho II., XIII. 711; XVIII. 66.
- THEOPHANO, wife of Nicephorus II., Byzantine emperor, XVII. 482.
- THÉOPHILE (T. de Viau), French poet, XXIV. 208.
- THEOPHILUS, Roman jurist, XIII. 794.
- of Edessa, Syriac writer, XXII. 841.
- ABBAS, instructor of Justinian, XXIII. 276.
- THEOPHRASTUS, Peripatetic philosopher, XXIII. 277; XVIII. 545; his history of plants, IV. 79.
- , on the Milky Way, II. 748.
- THEOPHYLACT, Biblical commentator, XXIII. 277.
- (Pope Benedict IX.), XIX. 497.
- , patrician of Rome, XX. 787.
- THEOPHYLACTUS of Simocatta, Byzantine historian, IV. 613; XX. 636.
- THÉOPNEUSTIE, La, Gaussen's work, X. 117.
- THEOPOLIS (Antioch), ancient town, Syria, II. 132.
- THEOPOMPUS of Chios, Greek historian and rhetorician, XXIII. 277; XXI. 466.
- THEORBO, lute, XV. 71.
- THEOREM, Geometrical, defined, XIX. 519.
- THEORIKON, spectacular fund, of Pericles, XVIII. 529.
- THEORY OF THE EARTH, Hutton's work, XII. 415.
- THEORY OF THE INTELLIGIBLE WORLD, by Morris, XVII. 553.
- THEORY OF MORAL SENTIMENTS, Adam Smith's work, XXII. 169.
- THEOSOPHY, XXIII. 278; Kabbalistic, XIII. 810; Swedenborg's, XXII. 759.
- THEOTOCOPULI, Domenico (El Greco), Spanish painter, XI. 80.
- THEOTOKOS, or Mother of God, epithet of the Virgin Mary, XVII. 355.
- THERA, island, Greece, XXIII. 279.
- THERAMENES, Athenian oligarch, XXIII. 280.
- THERAPEUTÆ, monastic sect, XVI. 698; as hymn-writers, XII. 578.
- THERAPEUTICS, in medicine, XV. 796; of iron, XIII. 359; of mercury, XVI. 34; of mineral waters, XVI. 433.
- THERASIA, wife of St Paulinus, XVIII. 434.
- THERESA, St, Spanish saint, XXIII. 281; XVII. 134; foundress of order of Barefoot Carmelites, V. 117; XVI. 716.
- , wife of Count Henry of Portugal, XIX. 540.
- THERESIA, island, Greece, XXIII. 279.
- THERESIENSTADT, part of Pesth, Hungary, XVIII. 691.
- (Szabadka), town, Hungary, XXII. 856.
- THERESIENWIESE, common, Munich, Bavaria, XVII. 26.
- THERESIOPEL, Maria (Szabadka), town, Hungary, XXII. 856.
- THERIACA, poem by Nicander, XVII. 476.
- THERIAKA, spiced opium, XVII. 788.
- THERMAL SPRINGS, X. 223, 270; XVI. 432, 436.
- THERMIC FEVER, XXII. 666.
- THERMODON, river, Asia Minor, XIX. 459.
- THERMODYNAMICS, XXIII. 283; VII. 815; XIX. 2; laws of, XXII. 479; Mayer's first law of, XV. 649; temperatures in thermodynamic scale, XX. 129.
- THERMO-ELECTRICITY, VIII. 94.
- THERMO-ELECTROMETER, Riess's, VIII. 55.
- THERMO-ELECTROMOTIVE FORCE, XV. 273.
- THERMOGRAPH, thermometric record, XXIII. 293.
- THERMOMETER, XXIII. 288; XI. 563; gas, XX. 130; wet bulb, theory of, VII. 218; box for, XVI. 115; Réaumur's, XX. 308; Sanssure's adaptations of, XXI. 324.

- THERMOMETRY, XI. 558; XIX. 2.
 THERMONATRITE, mineral, XVI. 399.
 THERMOPHONE, telephone, XXIII. 130.
 THERMOPOLIA, for sale of hot drinks, at Pompeii, XIX. 449.
 THERMOPYLÆ, Greece, Battle of (480 B.C.), XI. 100; XIV. 462; XVIII. 572.
 THERMOSCOPES, indicators of temperature, XI. 559; XX. 132.
 THERMO-THERMAPEUTICS, or Hydro-pathy, XII. 542; III. 438, 440.
 THERMOTROPISM, in vegetable physiology, XIX. 59.
 THÉROIGNE DE MÉRICOURT, Anne Joseph, French Revolutionist, XXIII. 293.
 THERON, tyrant of Agrigentum, I. 417; XXII. 16.
 THEROPODA, order of fossil reptiles, XX. 443.
 THERUSIA (Vulcano), one of the Lipari Islands, Mediterranean Sea, XIV. 682.
 THESEIUM, temple, ancient Athens, III. 4.
 THESES SALMURIENSES, French body of divinity, I. 783.
 THESEUS, of Greek legend, XXIII. 293; III. 59; his connexion with Seyros, XXI. 574.
 THESMOPHORIA, Greek festival, XXIII. 295; V. 345; VII. 57.
 THESMOPHORIAZUSÆ, Aristophanes's comedy, II. 509.
 THESMOTHETÆ, Greek magistrates, II. 476.
 THESPIÆ, town, ancient Greece, XXIII. 297.
 THESPIS, traditional inventor of tragedy, VII. 404.
 THESPROTI, ancient Greek tribe, VIII. 483.
 THESPROTIA, Epirus, Oracle at, XVII. 808.
 THESSALIAN DIALECT, of Greek, XI. 132.
 THESSALIOTIS, district, Thessaly, XXIII. 299.
 THESSALONIANS, Epistles to the, XXIII. 297.
 THESSALONICA (Salonica), town, Macedonia, XXI. 227; XV. 137; XXIII. 297.
 THESSALUS, physician of Tralles, XV. 802.
 THESSALY, district, Greece, XXIII. 298; coins of, XVII. 641.
 THETFORD, town, England, XXIII. 299.
 THETIS, of Greek mythology, I. 95; XVII. 346.
 THEUDAS, of Acts of the Apostles, I. 126.
 THEUDMIR, king of the East Goths, XXII. 256.
 THEUDIBERT, king of the Alemanni, XVII. 233.
 THEUERDANK, German allegorical work, X. 527; XV. 644.
 THEVENOT, Jean de, French Oriental traveller, XXIII. 300.
 THEW, instrument of punishment, XIX. 96.
 THIAKI (Ithaca), island, Greece, XIII. 517.
 THIAN SHAN, mountains, Central Asia, II. 686; XVIII. 102; XXI. 640; XXII. 818; XXIII. 631.
 THIBAUT of Champagne, early French writer, IX. 642.
 —, Anton Friedrich Justus, German jurist, XXIII. 300.
 THIBET, or Tibet (*q.v.*), country, Central Asia, XXIII. 337.
 THIBODI, Phra Rami, Siamese ruler, XXI. 854.
 THIELE, river, Switzerland, XVII. 361.
 THIELT, town, Belgium, XXIII. 302.
 THIERRY, Amédée Simon Dominique, French historian, XXIII. 302; IX. 680; on the Gallic Druids, VII. 478.
 —, Jacques Nicolas Augustin, French historian, XXIII. 302; IX. 680.
 — AND THEODORET, tragedy of Beaumont and Fletcher, III. 470.
 THIERS, town, France, XXIII. 302; XX. 120.
 —, Louis Adolphe, French historian and statesman, XXIII. 302; IX. 619; as a writer, IX. 681.
 THIETBERGA, wife of Lothaire of Lorraine, XVII. 483.
 THIGH, Anatomy of the, I. 829; of birds, III. 722; of mammals, XV. 360.
 THIMONIER, Barthélemy, inventor of a sewing machine, XXI. 718.
 THING, Great, Swedish tribal assembly, XXII. 744.
 THINOCORIS, genus of birds, XIX. 228.
 THIOCYANATES, in chemistry, XX. 25.
 THIONVILLE, fortress, Lorraine, XV. 7.
 THIOSULPHATES, in chemistry, XXII. 636.
 THIRLWALL, Connop, bishop of St David's, historian XXIII. 305.
 THIRSK, town, England, XXIII. 306.
 THIRST, XVII. 667.
 THIRTY-NINE ARTICLES, of Church of England, II. 653; VI. 564; VIII. 377, 379.
 THIRTY YEARS' WAR (1618-1648), IX. 568; X. 500; in Austria, III. 125; effect of, in England, VIII. 344; effects on Holland, XII. 78; in Saxony, XXI. 354; Spanish part in, XXII. 331; Sweden's participation in, XXII. 749; influence on Switzerland, XXII. 794; Wallenstein's part in, XXIV. 328.
 THIS-RONG-DE-TSAN, or Khri-srong-Iden-btsan, Tibetan king, XIV. 502; XXII. 345.
 THISTLE, plant, XXIII. 306.
 —, Order of the, XIV. 123.
 THISTLEWOOD CONSPIRACY (1820), in England, XXIII. 307.
 THIVÆ (Thebes), town, Greece, XXIII. 229.
 THLINKETS, race, North America, XII. 826; exogamy among, V. 187.
 THOLOBATE, in architecture, II. 474.
 THOLUCK, Friedrich August, German theologian and preacher, XXIII. 307.
 THOMAS, St, apostle, XXIII. 308.
 —, prince of Savoy, XXI. 339.
 — of Celano, XXIII. 308.
 — of Ereldoune, Scottish legendary poet, XXIII. 308.
 — of Harkel, Syriac writer, XXII. 825.
 — of Marga, Syriac writer, XXII. 848.
 — of Stitny, Bohemian writer, XXII. 151.
 —, Antoine Léonard, French writer, IX. 670.
 —, George, military adventurer, India, III. 629.
 —, George H., American general, XXIII. 790.
 — A KEMPIS, mediæval writer, XIV. 31; XI. 208; his relation to mysticism, XVII. 134.
 — AQUINAS, scholastic philosopher, II. 231. See Aquinas.
 — BECKET, archbishop of Canterbury, I. 31. See Becket.
 THOMASIVS, Christian, German jurist and publicist, XXIII. 309; X. 532; XVIII. 540; his influence in Halle university, XXIII. 847.
 THOMAS LITTLE, Thomas Moore's nom de plume, XVI. 806.
 THOMASON, his collection of pamphlets, XVIII. 205.
 THOMISM, in scholastic philosophy, XXI. 429.
 THOMPSON, Sir Benjamin (Count Rumford), scientist and diplomatist, XXIII. 309.
 —, John Vaughan, English physician and naturalist, XXIV. 808; on Mollusca, XVI. 632.
 —, Thomas Peronnet, English politician and mathematician, XXIII. 310.
 THOMSENOLITE, mineral, XVI. 384.
 THOMSON, Andrew, Scottish churchman, XXI. 538.
 —, Sir Charles Wyville, Scottish naturalist, XXIII. 310.
 —, James (1700-1748), Scottish poet, author of *The Seasons*, XXIII. 311.
 —, James (1834-1882), Scottish poet, author of *City of Dreadful Night*, XXIII. 312.
 —, John, of Duddingston, Scottish landscape painter, XXIII. 312.
 —, John, Scottish logarithmist, XIV. 776.
 —, Sir William, on attraction, III. 64; XV. 226; his compass improvements, VI. 228; on elastic solids, VI. 312; his contributions to the science of electricity, VIII. 11, 15, 32, 33, 75, 76, 81, 85, 90, 95, 99; his guard ring accumulator,

- VIII. 34; his electrometers, VIII. 119, 120, 121; on magnetism, XV. 249; on magneocrystalline action, XV. 266; on effect of traction on magnetization, XV. 269; on radiation, XX. 215; his siphon telegraph-recorder, XXIII. 124; on laws of thermodynamics, XXII. 482; on condensation of vapour, III. 386; on vortex atoms, III. 45.
- THOMSON AND TAIT, on tidal retardation of earth's rotation, XXIII. 377.
- THOMSONITE, mineral, XVI. 423.
- THONEGWA, district, Burmah, XXIII. 330.
- THONON, town, France, XXI. 333.
- THOR, Scandinavian divinity, I. 210; XVII. 156.
- THORACOMETER, for measuring chest movements, XX. 477.
- THORARENSEN, Bjarne, Icelandic poet, XXI. 369.
- THORAX, or Chest, I. 822; XX. 476; in mammals, XV. 358. See also article Skeleton.
- THOREAU, Henry David, American writer, XXIII. 313; I. 732.
- THORFINN, Norse earl, in Scotland, XXI. 480.
- THORILD, Tomas, Swedish poet and critic, XIV. 29; XXII. 757.
- THORISMUND, West Gothic prince, III. 62.
- THORITE, mineral, XVI. 424.
- THORIUM, chemical element, XXIII. 314; V. 543.
- THORN, plant, XI. 536; the Glastonbury thorn, X. 675.
- , town, West Prussia, XXIII. 314.
- THORNBACK, fish, XXIII. 314; XX. 299.
- THORNDAL, W. H. Smith's work, XXII. 179.
- THORNHILL, Sir James, English painter, XXIII. 314.
- THORNTON-ON-HUMBER, abbey, Lincolnshire, England, I. 20; XIV. 656.
- THORSHAVN, town, Faroe Islands, IX. 39.
- THORSTEIN, mountain, Austria, XXI. 241.
- THORWALDSEN, Bertel, Danish sculptor, XXIII. 315; VII. 94; XXI. 570.
- THOTH, Egyptian divinity, VII. 718.
- , Books of, ancient Egyptian works, XIV. 510.
- THOTHMES, kings of Egypt, VII. 735.
- THOU, Christophe de, first president of Paris parlement, XXIII. 315.
- , Jacques Auguste de, French historian, XXIII. 315; IX. 659.
- THOUAR, Arthur, explorer of Pilcomayo river, XIX. 188.
- THOUGHT, in psychology, XX. 57, 75, 83; as subject of logical science, XIV. 780; XVI. 94.
- THOUGHTS IN PRISON, Dr Dodd's poem, VII. 319.
- THOUSAND AND ONE NIGHTS, Arabic tales, XXIII. 316; II. 263.
- THOUSAND ISLANDS, Lake of the, Canada, XXI. 180.
- THRACE, country, South-Eastern Europe, XXIII. 318; coins of, XVII. 640.
- THRACIA, Roman province, South-Eastern Europe, XXIII. 318.
- THRALE, Henry, friend of Johnson, XIII. 727.
- , Mrs (Hester Lynch, Mrs Piozzi), English writer, XIX. 110.
- THRALL, Teutonic bondman, VIII. 274; XVII. 529.
- THRASAETUS, genus of birds, XI. 491.
- THRASAMUND, Vandal king, XXIV. 59.
- THRASEA PÆTUS, Roman philosopher, XI. 643; XVII. 350.
- THRASHING MACHINES, Invention of, I. 302; the first driven by steam, I. 305; improvements on, I. 325; portable, I. 324.
- THRASYBULUS, Athenian general, XXIII. 319.
- , tyrant of Miletus, XVIII. 528.
- , ruler of Syracuse, XXII. 16, 814.
- THRASYLLUS, Choragic monument of, at Athens, II. 411.
- THRAX, Dionysius, Roman grammarian, XI. 37, 43.
- THREAD MANUFACTURE, VI. 502; bleaching of, III. 820.
- THREAD-WORMS, XVII. 324; disease caused by, XVIII. 270.
- THREAVE CASTLE, Kirkcudbright, Scotland, XIV. 98.
- THREE BEARS, The, Southey's tale, XXII. 290.
- THREE BODIES, Problem of the, in astronomy, II. 759.
- THREE ESTATES, of the realm, in England, VIII. 557, 314; XVIII. 306.
- THREE F'S, The, in Irish land tenure, XIV. 277.
- THREE HOLY CHILDREN, Song of the, in Apocrypha, II. 181.
- THREE MUSKETEERS, The, Dumas's romance, VII. 522.
- THREE RIVERS, town, Canada, XXIII. 319; XX. 167.
- THREE SISTERS, mountains, Oregon, U.S.A., XVII. 822; XXIII. 800.
- THREE TETONS, mountains, Wyoming, U.S.A., XXIV. 712.
- THREMMATOLOGY, branch of biological science, XXIV. 802, 817.
- THRENODIA CAROLINA, Sir Thomas Herbert's work, XI. 722.
- THRESHER, bird, XVI. 541.
- THRESHER-SHARK, fish, XXI. 777.
- THRIPS, group of insects, XIII. 152; as wheat pest, XXIV. 534.
- THROAT, Anatomy of the, I. 822; diseases of, XXIII. 319; surgical operations on, XXII. 690; in relation to the voice, XXIV. 273; of birds, III. 726.
- THROMBOSIS, disease, XVIII. 401.
- THRONDHJEM, town, Norway, XXIII. 321.
- FJORD, Norway, XVII. 576.
- THRONES, chairs of state, IX. 848.
- , in celestial hierarchy, XI. 792.
- THROSTLE, bird, XXIII. 321.
- , cotton spinning frame, VI. 495.
- THROW-BOARD, Welsh game, V. 597.
- THROWING, of silk, XXII. 61.
- THRUSH, bird, XXIII. 321; migration of, III. 765.
- THUANUS (Jacques Auguste de Thou), French historian, XXIII. 315.
- THUCYDIDES, Greek historian, XXIII. 322; XI. 141.
- , rival of Pericles, XVIII. 531.
- THUGS, Indian assassins, XXIII. 326; suppression of, XII. 806; vocabulary of language used by, VII. 191.
- THUGUT, Franz Maria von, Austrian diplomatist, XXIII. 327.
- THUJA, genus of trees, II. 313.
- THULE, ancient Northern land, XXIII. 328; XIX. 315; of Ptolemy, XX. 94; of Pytheas, XX. 143.
- THULITE, mineral, XVI. 409.
- THULIUM, Spectrum of, XXII. 377.
- THUMB RINGS, XX. 562.
- THÜMMEL, Moritz August von, German writer, XXIII. 329.
- THUN, town, Switzerland, III. 600.
- , Lake of, Switzerland, I. 3; XIV. 218; XXII. 777.
- THUNBERG, Carl Peter, Swedish traveller and botanist, XXIII. 329.
- THUNDER, I. 107; XXIII. 329.
- THUNDERBOLT, XXIII. 330.
- THUNDERING LEGION, Miracle of the, III. 87.
- THUNDERSTORM, XXIII. 329; XVI. 128; spectroscopic history of a, XX. 256.
- THÜNEN, J. Heinrich von, German economist, XIX. 388.
- THUN-KHWA, district, Burmah, XXIII. 330.
- THUR AND PARKER, district, India, XXIII. 221.
- THURGAU, or Thurgovia, canton, Switzerland, XXIII. 330; XXII. 794.
- THURII, town, Magna Græcia, Italy, XXIII. 331; XV. 38.
- THÜRINGER WALD, mountains, Germany, X. 448; XXIII. 332.
- THURINGIA, district, Upper Saxony, XXIII. 331.
- THURINGIAN FOREST, mountains, Germany, X. 448; XXIII. 332.
- THURINGIAN LAW CODE, XXI. 215.
- THURINGITE, mineral, XVI. 414.
- THURIUM (Thurii), town, Magna Græcia, Italy, XXIII. 331; XV. 38.
- THURLES, town, Ireland, XXIII. 332.
- THURLOE, John, English postmaster, XIX. 564.
- THURLOW, Lord, lord chancellor of England, XXIII. 332.

- THURMOND, John, English pantomimist, XVIII. 215.
- THURSO, town, Scotland, XXIII. 333.
- THURY, Counts of (Cassini), French astronomers, v. 185.
- THUS, incense, IX. 711; XII. 718.
- THUYA, genus of trees, II. 313.
- THYATIRA (Akhissar), town, Turkey in Asia, I. 436.
- THYESTES, in Greek legend, III. 50; XVIII. 480.
- THYLACINUS, genus of marsupial mammals, XV. 380.
- THYLACOLEO, genus of fossil marsupial mammals, XV. 383.
- THYMALLUS, genus of fishes, XI. 78; XXI. 221, 224.
- THYME, plant, XXIII. 333; XII. 289.
- THYNI, tribe, Thrace, III. 793.
- THYNNUS, genus of fishes, XXIII. 625.
- THYRE DANEBOD, barrow, Denmark, III. 398.
- THYROID GLAND, Diseases of the, XVIII. 384; goitre, x. 739.
- THYRZA, Byron's mourning for, IV. 607.
- THYSANOPTERA, group of insects, XIII. 152.
- THYSANURA, order of insects, XIII. 153.
- THYSSAGETÆ, ancient nomadic race, Eastern Europe, XXI. 575.
- TIAN-SHAN, mountains, Central Asia, II. 686; XVIII. 102; XXI. 640; XXII. 818; XXIII. 631.
- TIARA, headdress, VI. 454.
- TIBBUS, nomad race, North Africa, XXIII. 334; I. 261, 268; XXII. 278.
- TIBER, river, Italy, XIII. 438; its mouth, XVIII. 61.
- TIBERIAS, town, Palestine, XXIII. 334; battle of (1187), VI. 627; XXIII. 161. —, Lake of, Palestine, x. 29; XVIII. 171, 173.
- TIBERIUS (Tiberius Claudius Nero), Roman emperor, XXIII. 335; XX. 772. —, Arch of, at Orange, France, XVII. 812. — ABSIMARUS, emperor of the East, XIII. 798.
- CLAUDIUS DRUSUS (Claudius), Roman emperor, v. 816; XVII. 348; XX. 772, 773.
- TIBESTI, oasis, Africa, I. 250, 261; XVII. 695; XXI. 149; XXIII. 334.
- TIBET, country, Central Asia, XXIII. 337; II. 684; XIV. 496; Great and Little, XIV. 198; mountain system of, XI. 821, 823; Lamaism of, XIV. 226; European travellers in, x. 188.
- TIBETAN LANGUAGE, XVIII. 779; XXIII. 346; dictionaries of, VII. 192.
- TIBETANS, race of people, XXIII. 343.
- TIBETO-BURMAN RACE, XII. 777; language of, XVIII. 779; XXIII. 346.
- TIBIA, Anatomy of the, I. 829, of birds, III. 723.
- TIBIÆ, Roman musical instrument, XVII. 707.
- TIBULLUS, Albius, Roman poet, XXIII. 348; XX. 723.
- TIBUR (Tivoli), ancient town, Italy, XIV. 344; XXIII. 421.
- TIBUS, or Tibbus, race of people, Soudan, Africa, XXIII. 334; I. 261, 268; XXII. 278.
- TICAO, island, Philippines, XVIII. 752.
- TIC-DOLOUREUX, form of neuralgia, XVII. 363.
- TICHODROMA, genus of birds, XXIII. 534.
- TICINO, canton, Switzerland, XXIII. 351; XXII. 789, 794. —, river, Italy, XIII. 435.
- TICINUM (Pavia), ancient town, Italy, XVIII. 439.
- TICK, mite, II. 276; XVI. 529.
- TICKELL, Thomas, English poet, XXIII. 351.
- TICKET-OF-LEAVE, XIX. 752, 756.
- TICKNOR, George, American man of letters, XXIII. 352; I. 724.
- TICONDEROGA, town, New York, U.S.A., XXIII. 352. —, Falls of, New York, U.S.A., XVII. 451.
- TIDE-GAUGE, XXIII. 370.
- TIDE-PREDICTING INSTRUMENT, XXIII. 371.
- TIDES, XXIII. 353 (table of contents, 381); x. 283; laws of, II. 762; solar and lunar, xv. 687; in relation to navigation, XVII. 275; in rivers xx. 576; Maclaurin on the theory of, xv. 162; action of, in Suez Canal, IV. 791; in Mediterranean Sea, xv. 822. —, Atmospheric, XVI. 122.
- TIDE-WAVE, XXIII. 372.
- TIDOR, island, Indian Archipelago, XXIII. 381; claim of sultan of, to New Guinea, XVII. 389.
- TIECK, Friedrich, German sculptor, XXI. 566. —, Ludwig, German tale-writer, XXIII. 381; x. 542.
- TIEDEMANN, Friedrich, German anatomist, XXIII. 383.
- TIEDMANN, H., on birds, XVIII. 19, 48.
- TIEFTRUNK, Karl, Bohemian writer, XXII. 153.
- TIEFURT, near Weimar, Germany, XXIV. 491.
- TIEMANNITE, mineral, XVI. 393.
- TIEN-CHWANG-TAI, town, China, XVII. 381.
- TIEN-FUNG-TAH, pagoda at Ning-Po, China, XVII. 513.
- TIENTSIN, town, China, XXIII. 383; v. 633.
- TIEPOLO, Bajamonte, Venetian conspirator, XXIV. 143.
- TIERNEY, George, English politician, XXIII. 383.
- TIERRA DEL FUEGO, archipelago, South America, XXIII. 383; XVIII. 352; Indians of, XII. 829.
- TIFFIN, town, Ohio, U.S.A., XXIII. 385.
- TIFLIS, town, Russian Caucasasia, XXIII. 385; government, XXIII. 513.
- TIGELLINUS, general and conspirator under Nero, XVII. 349.
- TIGER, carnivorous mammal, XXIII. 385; xv. 435; of India, XII. 741; of Java, XIII. 603; of Persia, XVIII. 625; skins of, IX. 839.
- TIGER-BEETLE, VI. 129.
- TIGER-CAT, carnivorous mammal, XVII. 719.
- TIGER-SHARK, XXI. 775.
- TIGLATH-ADAR, Assyrian king, III. 186.
- TIGLATH-PILESER I., Assyrian king, III. 186, 192. — II., III. 186; XIII. 411.
- TIGRANES, Armenian kings, XXIII. 386; xv. 56; XVIII. 595, 600. —, great-grandson of Herod the Great, XVIII. 602.
- TIGRANOCERTA, Mesopotamia, Battle of (69 B.C.), xv. 56.
- TIGRÉ, province, Abyssinia, I. 64. —, or Tigrîna, language of Ethiopia, VIII. 612; XXI. 655. —, island, Honduras, XII. 130.
- TIGRIS, river, Asia, XXIII. 386; I. 135; XVI. 47.
- TIH, Tomb of, at Sakkarah, Egypt, XVII. 34. —, Jebel el-, mountain, Arabia, XXII. 88.
- TIKUL, town, Yucatan, XXIV. 758.
- TILBORGH, Egidius van, Flemish painter, XXIII. 175.
- TILBURG, or Tilborg, town, Holland, XXIII. 387.
- TILBURY NOGO, Whyte-Melville's novel, xv. 844.
- TIL CAKE, or Sesame Cake, XVII. 739.
- TILDEN, Samuel Jones, American statesman, XXIII. 387.
- TILES, XXIII. 387; for roofing, IV. 463; clay, IV. 283; encaustic, VIII. 187; glazed, for wall linings, XVII. 36.
- TILGHMAN, B. C., inventor of sand-blast, XXI. 257.
- TILHAR, town, India, XXI. 735.
- TILIA, genus of trees, XIV. 648.
- TILIMSAN (Tlemcen), town, Algeria, XXIII. 422.
- TILING, in building, IV. 463.
- TILKERODITE, mineral, XVI. 391.
- TILL, affluent of Tweed, England, XVII. 565; XXIII. 673. —, or Boulder Clay, x. 367.
- TILLAGE, of fields, I. 328; laws for encouragement of, I. 298.
- TILLEMONT, Sébastien le Nain de, French ecclesiastical historian, XXIII. 390.
- TILL EULENSPIEGEL, German chap-book, VIII. 664; x. 527.
- TILLODONTIA, group of fossil ungulate mammals, xv. 432.
- TILLOTSON, John, archbishop of Canterbury, XXIII. 390.

- TILLY, Johann Tserclaes, count of, imperial general, XXIII. 391; III. 125; x. 500.
- TIL OIL, XXI. 693.
- TILPIN (Turpin), archbishop of Rheims, romancist, XXIII. 669.
- TILSIT, town, Prussia, XXIII. 391; treaty of (1807), IX. 616; XVII. 211.
- TIMÆUS, Greek chronologist, v. 710.
- , dialogue of Plato, XIX. 209.
- TIMANSK MOUNTAINS, Russia, XXIV. 283.
- TIMANTHES, Greek painter, II. 363.
- TIMARCHUS, Median satrap, XVIII. 590.
- TIMBER, as building material, IV. 448; dry rot in, VII. 493; strength of, VII. 816; XXII. 603.
- TREES, II. 315; forestry regulation of, IX. 397; of New Zealand, XVII. 469; of Queensland, XX. 173; of the United States, XXIII. 807. Compare also Fir, Oak, Pine, Teak, etc.
- TIMBRE, quality of sound, I. 107, 118; XXIV. 275.
- TIMBUKTU, or Timbuctoo, town, Sahara, Africa, XXIII. 391; I. 271; XVII. 497.
- TIME, Measurement of, XXIII. 392; dynamical measurement of, VII. 581; Nepalese measurement of, XVII. 343; mean and sidereal, VI. 14; at the observatories, XVII. 710; observations for, at sea, XVII. 268, 272; how kept at sea by early navigators, XVII. 250; determination of, in surveying, XXII. 713; zodiacal division of, XXIV. 791.
- , Effect of, in magnetism, XV. 273.
- , Equation of, in astronomy, II. 772.
- , Idea of, XX. 64.
- , in music, XVII. 81.
- TIMEKEEPERS, for sea voyages, XVII. 259.
- TIMELIDÆ, group of birds, XXIV. 366.
- TIMEPIECES, VI. 13; XXIV. 394.
- TIMES, The, London newspaper, XVII. 417; XXIII. 710.
- TIMOCHARIS, Alexandrian astronomer, II. 748.
- TIMOCRATES, Demosthenes's oration against, VII. 69.
- TIMOLEAGUE, ecclesiastical ruin, Cork, Ireland, VI. 405.
- TIMOLEON, Greek statesman and general, XXIII. 396; XI. 104; his work in Sicily and Syracuse, XXII. 19, 816.
- TIMON, Lucian's work, XV. 45.
- of Athens, misanthrope, XXIII. 397; Shakespeare's play, XXI. 764.
- of Phlius, Greek sillograph and sceptic, XXIII. 397.
- TIMOR, island, Indian Archipelago, XXIII. 397; taboo (pamali) system in, XXIII. 17.
- LAUT, island group, Indian Archipelago, XXIII. 398.
- TIMOTHEUS, or Timothy, of Scripture, XXIII. 399.
- , Athenian general, XXIII. 398.
- , Greek musician and poet, XXIII. 399.
- TIMOTHY, of Scripture, XXIII. 399.
- , Epistles to, XVIII. 348.
- I., metropolitan of Seleucia, Syriac writer, XXII. 845.
- II., Nestorian catholicus, Syriac writer, XXII. 856.
- TIMUR, or Tamerlane, Oriental conqueror, XXIII. 399; II. 700; his subjugation of Afghanistan, I. 239; in India, XII. 793; his dealings with Toktamish, XVI. 747; defeats Turks under Bayezid, XXIII. 641; his descendants in Persia, XVIII. 632; grave of, at Samarkand, XXI. 247.
- TIMURANAMA, Persian books, XVIII. 657.
- TIMUR KHAN, Mongol ruler, XVI. 742.
- TIN, metal, XXIII. 400; XVI. 381, 387; as chemical element, V. 538; constituent of bronze, IV. 366; in pewter, XVIII. 725; strength of, XXII. 603; mines, in Cornwall, VI. 425; in Queensland, XX. 173; ores of, XVI. 58; 387; ore dressing, XVI. 466; production of, XVI. 467; production in England, VIII. 229; production in United States, XXIII. 816.
- TINÆUS of Tauromenium, Sicilian historian, XXII. 20.
- TINAMOU, bird, XXIII. 402.
- TINAMUS, genus of birds, XXIII. 402.
- TINAROO, Queensland, Tin mines of, XX. 173.
- TINAVELLY, district, India, XXIII. 404.
- TINCA, genus of fishes, XXIII. 173.
- TINCHEBRAI, or Tenchebrai, Normandy, Battle of (1106), XI. 656; XVII. 544.
- TINCOMMIUS, British king, XXII. 725.
- TINCTOR, John (Joannes de Tinctoris), Flemish musician, XVII. 82, 83.
- TINCTURES, in heraldry, XI. 691.
- TINDAL, Matthew, English deist, XXIII. 403; on natural religion, VII. 35.
- TINDER, for obtaining fire, XV. 625.
- TINDER-ORE, mineral, XVI. 388.
- TINDJIL, island, Java, XIII. 600.
- TINEA GRANELLA, wheat pest, XXIV. 536.
- TINEA TONSURANS, or Ringworm, disease, XVIII. 269; XXII. 124.
- TIN-FOIL, tin in thin sheets, XXIII. 401.
- TINGHAE, town, Chusan, China, v. 767.
- TINGIS, ancient town, North Africa, XV. 637; XXIII. 46.
- TIN ISLANDS, of ancient Britain, IV. 352.
- TINKAL, mineral, XVI. 396.
- TINKER, bird, XI. 262; XX. 302.
- TINKERSHIRE, bird, XI. 262.
- TIN MINING, XVI. 452; XXIII. 400.
- TINNÉ, Alexandrine, Dutch traveller in Africa, XXIII. 404.
- TINNED FOODS, XIX. 708.
- TINNEVELLI, district, India, XXIII. 404; town, XXIII. 405; pearl fishery of, XVIII. 447.
- TINNEYS, American Indians, XII. 827.
- TINNUNCULUS, genus of birds, XIV. 53.
- TINPLATE, XIII. 357.
- TINSTONE, XXIII. 400.
- TINTA WINE, Madeira, xv. 178; XXIV. 609.
- TINTERN ABBEY, Monmouthshire, England, XVI. 754.
- TINTORETTO, II (Jacopo Robusti), Italian painter, XX. 608.
- TIPSAH (Thapsacus), Mesopotamia, Bridge over Euphrates at, XVI. 49.
- TIPPECANOE, United States, Battle of (1811), XXIII. 759.
- TIPPERAH, district, British India, XXIII. 405; XI. 820.
- TIPPERARY, county, Ireland, XXIII. 405; town, XXIII. 406.
- TIPPERMUIR, Scotland, Battle of (1644), XVI. 796; XXI. 513.
- TIPPLER, for emptying mining waggons, XVI. 455.
- TIPPOO SAHIB, sultan of Mysore, India, XXIII. 406; XII. 803; library of, XIV. 533.
- TIPTOFT, John, earl of Worcester, deputy in Ireland, VIII. 330; XIII. 261.
- TIPTON, town, England, XXIII. 406.
- TIPU (Tippoo, *q.v.*), XII. 803.
- TIPULA OLERACEA, wheat pest, XXIV. 535.
- TIRABOSCHI, Girolamo, Italian historian, XXIII. 407.
- TIRANO, town, North Italy, XXIV. 45.
- TIRANT LO BLANCH, romance, XX. 658.
- TIRAQUEAU, André, French jurist, XX. 194.
- TIRAVALUR, Tanjore, India, Temple of, II. 396.
- TIRCONAIL, ancient division, Ireland, VII. 362.
- TIRESIAS, of Greek legend, XXIII. 407.
- TIRHUT, or Tirhoot, district, India, XXIII. 407.
- TIRIBAZUS, satrap of Sardis, XVIII. 578.
- TIRICH MIR, mountain, Afghanistan, XI. 838.
- TIRIDATES, king of Armenia, XVII. 350.
- , Arsaces, king of Parthia, XVIII. 588.
- II., of Parthia, XVIII. 598.
- TIRLEMONT, town, Belgium, XXIII. 407.
- TIRSO DE MOLINA (Gabriel Tellez), Spanish dramatist, XXIII. 157; VII. 421; XXII. 359.
- TIRSULI GANDAK, district, Tibet, XXIII. 341.
- TIRUMALA NAYAK, ruler of Madura, India, XV. 193.
- TIRUMANGALAM, town, India, XV. 192.
- TIRUPATUR, town, India, XXI. 210.
- TIRUVALESWARAMPET, part of Madras city, India, XV. 188.

- TIRUVASAKAM, Tamil hymns, XXIII. 43.
 TIRUVAYMOLI, Tamil hymns, XXIII. 44.
 TIRYNS, or Tirynt, ancient town, Greece, XXIII. 407; XVII. 115; Cyclopean wall at, II. 345, 402.
 TISCHENDORF, Lobegott Friedrich Konstantin, German Biblical critic, XXIII. 409.
 TISIAS, Greek rhetorician, XX. 509.
 — (Stesichorus), Greek poet, XXII. 543.
 TISIO, or Tisi, Benvenuto, Italian painter, XXIII. 409.
 TISIPHONE, one of the Furies, VIII. 524.
 'TIS PITY SHE'S A WHORE, Ford's tragedy, IX. 395.
 TISSAPHERNES, satrap of Sardis, XVIII. 575.
 TISSUES, Animal, XII. 4; I. 842; XIX. 12; unity of, XX. 420.
 —, Vegetable, XII. 10; IV. 83.
 TISTA, river, India, XXII. 51.
 TIT, ancient town, Morocco, XVI. 831.
 TITANIA, queen of the fairies, XVII. 704.
 TITANIUM, chemical element, XXIII. 410; V. 538; XXIV. 627.
 TITANOMORPHITE, mineral, XVI. 426.
 TITANS, of Greek mythology, XXIII. 410; X. 571; XVII. 155; XXI. 320.
 TITE, Sir William, on ancient London, XIV. 841.
 TITHE COMMUTATION ACT (1836), English, its effects on agriculture, I. 304.
 TITHES, of Scripture, XXIII. 410; XIV. 488.
 —, in law, XXIII. 411.
 TITHING, division of county, England, VI. 513; XVII. 29.
 TITHONUS, in Greek mythology, XXIII. 413.
 TITIAN (Tiziano Vecellio), Italian painter, XXIII. 413; XX. 609; XXI. 436; his manner of colouring, XVIII. 139.
 TITI BANS, mountains, Malay Peninsula, XV. 321.
 TITICACA, Lake, Bolivia and Peru, IV. 11; XIV. 217; XVIII. 673.
 TITIES, early Roman tribe, XX. 732.
 TITLARK, bird, XIX. 112.
 TITLE, to land, XX. 307; register of, XX. 342.
 TITLES, Abbreviations of, I. 28.
 — OF COURTESY, British, XIX. 665.
 — OF HONOUR, XXIII. 417.
 TITLIS, mountain, Switzerland, XXIII. 858.
 TITMOUSE, bird, XXIII. 418.
 TITTERSTONE CLEE HILL, England, XXI. 847.
 TITULUS HONORARIUS, honorary inscription, XIII. 128.
 TITUREL, Wolfram's love-tale, XXIV. 632.
 TITUS, of Scripture, XXIII. 420.
 —, Epistle to, XVIII. 348.
 — (Titus Flavius Sabinus Vespasianus), Roman emperor, XXIII. 419; as general in Judaea, XIII. 428.
 TITUS ANDRONICUS, Shakespeare's play, XXI. 763.
 TITUSVILLE, town, Pennsylvania, U.S.A., XXIII. 420; XVIII. 713.
 TIUMEN, or Tyumen, town, Siberia, XXIII. 714.
 TIVERTON, town, England, XXIII. 421.
 TIVOLI, town, Italy, XXIII. 421; XIV. 344; XX. 792; temple of Vesta at, II. 417.
 TIXTLA, town, Mexico, XI. 248.
 TIYARI, Nestorian district, Kurdistan, XVII. 357.
 TIZGI, town, Sahara, Africa, XXI. 149.
 TIZIANO, or Titian (*q.v.*), Italian painter, XXIII. 413.
 —, Marco di, Italian painter, XXIII. 416.
 TIZIO, Sigismondo, Sienese chronicler, XXII. 43.
 TJERIBON, or Cheribon, town, Java, V. 585; XIII. 606.
 TJI ANDJUR, town, Java, XIII. 606.
 TJILATJAP, town, Java, XIII. 606.
 TJITJALENGKA, town, Java, XIII. 606.
 TJOMÖ, island, Norway, XVII. 576.
 TLACATECOLOTL, Mexican deity, XVI. 211.
 TLALOCS, Mexican deities, XVI. 212.
 TLAXCALA, town, Mexico, XXIII. 421; XVI. 214; state, XVI. 214.
 TLAXCALTECS, ancient Mexican race, XXIII. 421.
 TLEMCEN, town, Algeria, XXIII. 422.
 TLOQUENAHUAQUE, Mexican deity, XVI. 211.
 TLOS, ancient town, Lycia, IX. 67; XV. 93.
 TMETOTROGON, genus of birds, XXIII. 584.
 TMOLUS, Gold mines of, Asia Minor, XV. 99.
 TMOUTORAKAN, Khazar principality, South Russia, XIV. 60.
 TOAD, amphibian, XXIII. 422; structure of, I. 751; Californian, XIV. 736.
 TOBACCO, plant and narcotic, XXIII. 423; adulterations of, I. 174; culture, in Philippine Islands, XVIII. 751; in United States, XXIII. 824; in Kentucky, U.S.A., XIV. 43; in Virginia, U.S.A., XXIV. 260; of Cuba, VI. 681; of India, XII. 750.
 — PIPE, XIX. 110.
 TOBACCO-SEED OIL, XVII. 744.
 TOBAGO, island, West Indies, XXIII. 427; birds of, III. 747.
 TOBERCURRY, town, Ireland, XXII. 159.
 TOBERMORITE, mineral, XVI. 421.
 TOBERMORY, town, Scotland, XVII. 16.
 TOBIAS, son of Tobit, XXIII. 427.
 —, Children of, in priestly aristocracy of Israel, XIII. 420.
 TOBIQUE, river, New Brunswick, XVII. 373.
 TOBIT, Book of, in Apocrypha, XXIII. 427; II. 181.
 TOBOL, steppe, Siberia, XXIII. 429; river, XVIII. 549.
 TOBOLSK, government, Russia in Asia, XXIII. 428; town, XXIII. 430.
 TOCANTINS, river, Brazil, IV. 221.
 TOCHARI, Central Asian nomads, XVIII. 594, 600, 603, 606.
 TOCORNACLITE, mineral, XVI. 384.
 TOCQUEVILLE, Alexis Henri Charles Chérel, Comte de, French politician, XXIII. 430; IX. 675.
 TO-DAI-JI, Buddhist temple at Nara, Japan, XVII. 229.
 TODAS, tribe, India, XV. 185; XVII. 509.
 TODESCHINI, Francesco (Pope Pius III.), XIX. 153.
 TODLEBEN, Eduard Ivanovich, Russian general, XXIII. 431; XXI. 102.
 TODMORDEN, town, England, XXIII. 431.
 TODT, R., German socialist, XXII. 216.
 TODTE GEBIRGE, Austria, XXI. 241.
 TODUS, genus of birds, XXIII. 431.
 TODY, bird, XXIII. 431.
 TOES, Anatomy of, I. 830; redundancy of, XVI. 762; peculiarity of great toe in monkeys, II. 148.
 TOFT, Thomas and Ralph, English potters, XIX. 632.
 TOFUA, island, South Pacific, IX. 779.
 TOGA, Roman article of dress, VI. 456.
 TOGATE, in Roman comedy, VII. 411.
 TOGGENBURG, countship, Switzerland, XXI. 168.
 TOGHON, Kalmuk khan, XVI. 745.
 — TIMUR KHAN, emperor of China, XVI. 743.
 TOGHRAL, Arab poet, II. 263.
 TOGHRUL BEG, Seljuk ruler, XXI. 634.
 TOGO-LAND, district, West Coast, Africa, XXIII. 432.
 TOHOROTH, part of Mishnah, XVI. 505.
 TOILET POWDERS, XVIII. 526.
 TOISE, standard of length, in geodesic measurements, VII. 598, 605; XXII. 199.
 TOKA, island, South Pacific, XV. 30.
 TOKAT, town, Turkey, XXIII. 432.
 TOKAY, town, Hungary, XXIII. 432; wine district, XVII. 688; XXIV. 610.
 TOKEN, The, American literary journal, XI. 537.
 — MONEY, XVI. 730; tokens in numismatics, XVII. 656.
 TOKEWANNA PEAK, Rocky Mountains, U.S.A., XXIII. 796.
 TOKHARISTAN, province, Central Asia, XVIII. 101.
 TOKIO (Yedo), town, Japan, XXIII. 432; XIII. 577.
 TÖKÖLYI, Emeric, Hungarian noble, XII. 370.
 TOKTAMISH, Mongol khan, XVI. 747.
 TOLAND, John, English deist, XXIII.

- 434; VII. 34; his history of the Druids, VII. 478.
- TOLEDO, province, Spain, XXIII. 435.
- , town, Spain, XXIII. 435; cathedral, II. 433; councils of, XXII. 308; massacre of (807), XXII. 310.
- , town, Ohio, U.S.A., XXIII. 436.
- , Francisco de, viceroy of Peru, XVIII. 677.
- , Juan Bautista de, Spanish architect, VIII. 540.
- TOLENTINO, Italy, Treaty of (1797), XVII. 197.
- TOLERATION, Locke on, XIV. 755, 756; VIII. 352.
- ACT, English, VIII. 352; XX. 149; XXIII. 199.
- TOLFA, Italy, Manufactory of alum at, I. 645.
- TOLI MONASTIR, town, Turkish Roumelia, XVI. 719.
- TOLISTOBOGII, tribe, Asia Minor, X. 18.
- TOLKAPPIYAM, Tamil grammar, XXIII. 43.
- TOLL, in law, XXIII. 436.
- AND THEAM, Cinque Port right, V. 786.
- TOLLENDAL, Baron de (Count de Lally), French general, XIV. 226; XII. 800.
- TOLLENS, Hendrik, Dutch poet, XII. 97.
- TOLLENSER SEE, lake, Prussia, XVII. 360.
- TOLLY, Michael Barclay de, Russian general, III. 370; XVII. 217.
- TOLLY'S NALA, canal, India, XXIII. 673.
- TOLO BAY, Celebes, V. 287.
- TOLOCCAN (Toluca), town, Mexico, XXIII. 437.
- TOLOMEI, Bernardo, founder of order of Olivetans, XVII. 764.
- , Claudio, Sienese bishop, diplomatist, poet, and philologist, XXII. 43.
- TOLOSA (Toulouse), ancient town, France, XXIII. 485.
- , town, Guipuzcoa, Spain, XI. 265.
- TOLS, Sanskrit school at Nadiya, India, XVII. 161.
- TOLSTOI, Counts, Russian writers, XXI. 108.
- TOLTECS, people of ancient Mexico, I. 686, 691, 705; XVI. 208; XXIV. 759.
- TOLU, Balsam of, III. 293.
- TOLUCA, town, Mexico, XXIII. 437; XVI. 214.
- TOLUENE, product of coal-tar distillation, XXIII. 59.
- TOLYPEUTES, genus of edentate mammals, XV. 387.
- TOM, river, Siberia, XXIII. 439.
- , Mount, Massachusetts, U.S.A., XV. 611; XXIII. 795.
- TOMAIKI BAY, Celebes, V. 287.
- TOMAS, bishop of Strängnäs, Swedish poet, XXII. 753.
- TOMATO, vegetable, XII. 288.
- TOMBS, Ancient American, II. 452; Chinese, II. 449; ancient Egyptian, II. 387; VII. 781; Etruscan, II. 414; Etruscan rock-hewn, V. 215; Greek, II. 412; Jewish, II. 393; Persian, II. 399; Pompeian, XIX. 450; Roman, II. 419; XX. 831.
- OF THE CALIPHS, at Cairo, XVI. 865.
- TOMEK, Vaclaff Vladivoj, Bohemian historian, XXII. 153.
- TOMI, ancient town, at mouth of Danube, Ovid at, XVIII. 80.
- TOMICHI, Pere, Catalan writer, XXII. 364.
- TOMILLARES, regions, Spain, XXII. 297.
- TOMINI BAY, Celebes, V. 287.
- TOMIÑO, town, Spain, XIX. 455.
- TOM JONES, Fielding's novel, VIII. 430; IX. 146.
- TOMLINE, George Pretymann, Pitt's tutor, XIX. 135.
- TOMLINE'S OBSERVATORY, Orwell Park, England, XVII. 711.
- TOMMASEO, Niccolo, on St Catherine of Siena's letters, V. 232.
- TOMMASI, Giugurta, Sienese historian, XXII. 43.
- TOMMYSHOPS, for supply of goods to labourers, XIV. 172.
- TOMPA, Mihaly, Hungarian poet, XXIII. 437; XII. 378.
- TOMSK, government, Siberia, XXIII. 437; town, XXIII. 439.
- TOM THUMB, dwarf, VII. 568.
- TOM-TOM, Indian drum, VII. 479.
- TONATIUH, Mexican deity, XVI. 211.
- TONBRIDGE, town, England, XXIII. 606.
- TONE, Theobald Wolfe, Irish leader, XIII. 271.
- TONE-BLOCKS, for printing, XXIII. 704.
- TONEGAWA, river, Japan, XIII. 572.
- TONES, in music, I. 108; XVII. 78, 105.
- , of human voice, XXIV. 275.
- TONGA, one of the Friendly Islands, South Pacific, IX. 779; taboo system in, XXIII. 16.
- TONGARIRO, mountain, New Zealand, XVII. 466.
- TONGA-TABU, island, Polynesia, IX. 779; XIX. 428.
- TONGE, Dr, his relations with Titus Oates, XVII. 697.
- TONG-KING, French colony, Eastern Asia, XXIII. 439; VI. 93.
- TONGUE, Anatomy of the, I. 895; sense of taste in, XXIII. 79; of apes, II. 165; of mammals, XV. 361; of snakes, XXII. 190.
- TONIC SOL-FA SYSTEM, of musical notation, XVII. 100.
- TONK, state, India, XX. 260.
- TONKA (or TONQUA) BEAN, XXIII. 443; III. 461.
- TONLE-SAP, lake, Siam, XXI. 851.
- TONNAGE, of ships, XXIII. 442.
- AND POUNDAGE, customs duties, England, XXIII. 443; IX. 178.
- TONNERRE, town, France, XXIV. 746.
- TÖNNISTEIN, spa, Germany, XVI. 435.
- TONOMETER, Scheibler's, XXIII. 619.
- TONQUA BEAN, XXIII. 433; III. 461.
- TONQUIN (Tong-King), French colony, Eastern Asia, XXIII. 439; VI. 93.
- TONS, river, India, XXII. 98.
- TONSILLITIS, disease, XXIII. 320.
- TONSILS, Anatomy of the, I. 837; VII. 222.
- TONSURE, Roman Catholic rite, XXIII. 443.
- TONTI, Lorenzo, inventor of tontine insurance, XXIII. 444.
- TONTINE, system of life insurance, XXIII. 444; IX. 181.
- ANNUITIES, State, XVII. 244.
- TONTY, Henri de, French explorer, XIV. 318.
- TOOKE, John Horne, English politician and philologist, XXIII. 444; on British finance, IX. 188.
- TOOLBRUNUP, mountain, Western Australia, XXIV. 507.
- TOOLOON, Mosque of, at Cairo, Egypt, II. 446.
- TOOLS, their early use, VIII. 617; hand, XI. 436; machine, XV. 152; mining, XVI. 444; turners', XIV. 324.
- TOOMKOOR, district and town, India, XXIII. 606.
- TOON, or Tun, town, Persia, XVIII. 627.
- TOON-GYEEN, river, Siam, XXI. 850.
- TOORBUT HYDEREE (Turbat-i-Haidari), town, Persia, XVIII. 627.
- TOORSHEEZ (Turshiz), district and town, Persia, XVIII. 627.
- TOOTH, XXII. 107. See also Teeth.
- POWDER, XVIII. 526.
- TOOTH-RASH, disease, XXII. 122.
- TOOV TANG, halls of ancestors, in Chinese towns, II. 449.
- TOPAZ, precious stone, XXIII. 446; XVI. 385, 408; cairngorms so called, IV. 645.
- TOPAZION, precious stone, XVIII. 534.
- TOPDAL ELV, river, Norway, XVII. 575.
- TOPE, fish, XII. 685; XXI. 774.
- TOPEKA, town, Kansas, U.S.A., XXIII. 446.
- TOPELIUS, Zakris, Finnish poet, XXII. 758.
- TOPES, sacred edifices of India, II. 394.
- TÖPFFER, Rudolph, Swiss novelist, XXII. 799.
- TOPHET, of Scripture, XVI. 696.
- TOPICS, Aristotle's work, II. 515.
- TOPLADY, Augustus Montague, English hymn-writer, XII. 594.
- TÖPLITZ, town and spa, Bohemia, XXIII. 183.
- TOPOGRAPHIC MAPS, XV. 522.
- TORAH, The, of Israel, XIII. 398, 409; XIX. 729; authorship of, XVIII. 513.
- TORBANEHILL MINERAL, XVIII. 240.
- TORBANITE, mineral, XVI. 429.
- TORC, lake, Killarney, Ireland, XIV. 76.

- TORCELLO, island, Venice, XXIII. 446; basilican cathedral at, III. 418.
- TORCH THISTLE, tree, Chili, v. 623.
- TORELL, William, English sculptor, XXI. 558.
- TORFÆUS, Thormod, Icelandic historian, XII. 626.
- TORGAV, town, Prussia, XXIII. 447; battle of (1760), III. 129.
- TORGHATTEN, island, Norway, XVII. 576.
- TORGOGH, fish, XXI. 223.
- TORGOD, Mongol tribe, IV. 710; XVI. 745, 749.
- TORIBIO, St, Peruvian archbishop, XVIII. 675.
- TORIES, English political party, VIII. 350, 353, 358, 359; XXIV. 540.
- TORMASEFF, Russian general, XVII. 217.
- TORMES, river, Spain, XXI. 203.
- TORMOHAM, suburb of Torquay, England, XXIII. 451.
- TORNADOES, hurricanes, XVI. 129; in North America, XXIII. 807.
- TORNATELLA, genus of Mollusca, XVI. 655.
- TORONE, town, Macedonia, xv. 138.
- TORONTO, town, Ontario, Canada, XXIII. 447; climate of, IV. 771; university, XXIII. 856.
- TOROPETS, town, Russia, XX. 36.
- TORPEDO, explosive apparatus, XXIII. 449; XVII. 285.
- , genus of fishes, XII. 649; XX. 299; electricity in, VIII. 3, 8; organs of touch in, XXIII. 478.
- BOAT, XVII. 285; XXIII. 451.
- TORQUATUS, Titus Manlius, Roman consul, xv. 492.
- , Titus Manlius Imperiosus, Roman consul, xv. 492.
- TORQUAY, town, England, XXIII. 451.
- TORQUEMADA, Juan de, cardinal, learned Dominican, XXIII. 452.
- , Tomas de, inquisitor-general, XXIII. 452; XIII. 93; his rules for torture, XXIII. 463.
- TORRE ABBEY, at Torquay, England, XXIII. 451.
- TORRE ANNUNZIATA, town, Italy, XXIII. 452.
- TORRE DE CEREDO, mountain, Spain, XXII. 294.
- TORRE DEL GRECO, town, Italy, XXIII. 452.
- TORRELAVEGA, town, Spain, XXI. 297.
- TORRENS, river, South Australia, XXII. 284.
- , Robert, English economist, XIX. 377.
- TORRENT DUCK, bird, XVI. 36.
- TORRES, Luis Vaez de, Spanish navigator, III. 103; x. 185.
- STRAITS, between New Guinea and Australia, XVII. 386; XX. 171.
- TORRES VEDRAS, Portugal, Lines of, VIII. 563; IX. 431; XXIV. 495.
- TORREY, John, American botanist, XXIII. 452.
- TORRHEBUS, mythic king of Lydia, xv. 99.
- TORRIANI, Milanese ruling family, XVI. 293.
- TORRICELLI, Evangelista, Italian physicist and mathematician, XXIII. 452; his experiments on air-pressure, XIX. 241; his invention of the barometer, III. 381; his law of velocities of fluids, XII. 435.
- TORRICELLIAN VACUUM, XXIII. 453.
- TORRID ZONE, in geography, x. 199.
- TORRIGIANO, Pietro, Italian sculptor, XXIII. 453; XXI. 560.
- TORRINGTON, Viscount (George Byng), IV. 603.
- TORROGE, Arnold de, grand-master of Knights Templars, XXIII. 161.
- TORSE, in geometry, XXII. 669.
- TORSHA, river, India, XXII. 51.
- TORSHOK, town, Russia, XXIII. 454, 672.
- TORSION, in physics, VII. 810; XXII. 605; in connexion with magnetization, xv. 270.
- BALANCES, III. 267; electric, VIII. 18.
- TORT, in law, XXIII. 454; VI. 587; in relation to partnership, XVIII. 331.
- TORT-COL (Wryneck), Henry, duke of Lancaster, XIV. 255.
- TORTOISE, reptile, XXIII. 455, olfactory organs of, XXII. 166; classification of the group, XX. 441, 445.
- BEETLE, VI. 134.
- TORTOISESHELL, XXIII. 460; combs made of, VI. 178.
- TORTOLA, island, West Indies, XXIV. 261.
- TORTON, Peter, his longevity, XIV. 858.
- TORTONA, town, Italy, XXIII. 460.
- TORTOSA, town, Spain, XXIII. 460.
- TORTRICIDÆ, family of snakes, XXII. 192.
- TORTRIX PILLERIANA, vine pest, XXIV. 238.
- TORTURE, Legal aspects of, XXIII. 460; in China, v. 669.
- TORY ISLAND, Ireland, XIII. 216.
- TORY PARTY, in England, VIII. 350, 353, 358; XXIV. 540.
- TOSEPHTO, piece of Jewish literature, XVI. 506.
- TOSTIG, earl of Northumbria, VIII. 290, 291; XI. 485, 486.
- TOTAL ABSTINENCE SOCIETIES, XXIII. 159.
- TOTANUS, genus of birds, XI. 173; XX. 317; XXI. 260.
- TOTAPELAKANDA, mountain, Ceylon, v. 359.
- TOTEMISM, XXIII. 467; xv. 91; XXI. 135; in relation to mythology, XVII. 144, 151; to names, XVII. 169.
- TOTILA, Gothic king, XIII. 797; XVII. 233.
- TOTLEBEN, Eduard Ivanovich, Russian general, XXIII. 431.
- TOTMA, town, Russia, XXIV. 283.
- TOTNESS, Earl of, writer on Ireland, v. 101.
- TOTO, leader of a revolt at Rome, xx. 786.
- TOTTEL'S MISCELLANY, XXII. 695.
- TOTTENHAM, suburb of London, XXIII. 476.
- TOUCAN, bird, XXIII. 476.
- TOUCH, Sense of, XXIII. 478; XI. 554; nerves of, in man, I. 897; organs of, in fishes, XII. 653; in mammals, xv. 367, 407.
- , of minerals, XVI. 379.
- TOUCHSTONE, XVI. 389.
- TOUCOULEURS, Negro race, Senegambia, XXI. 662.
- TOUGHENED GLASS, Manufacture of, x. 666.
- TOUL, town, France, XXIII. 483.
- TOULON, town, France, XXIII. 483.
- TOULOUSE, ancient county, France, XIV. 287; list of counts, XXIII. 486.
- , town, France, XXIII. 484; academy of floral games at, I. 69; observatory, XVII. 712; university, XXIII. 838.
- TOUNG-NGU, district and town, Burmah, XXIII. 486.
- TOUQUES, river, France, XVIII. 1.
- TOUR, Cagnard de la, his syren, I. 109.
- , Jacques de la, abbot of La Trappe, XXIII. 524.
- , Maurice Quentin de la, French pastel painter, XXIII. 486.
- TOURACO, bird, XXIII. 487.
- TOURBILLION, in pyrotechny, xx. 136.
- TOURCOING, town, France, XXIII. 488.
- TOURGUENIEFF, Ivan, Russian novelist, XXIII. 488; XXI. 108.
- TOURMALINE, mineral, x. 228; XVI. 409; electric properties of, VIII. 8, 99; polarity of, XIX. 313.
- TOURNAI, town, Belgium, XXIII. 488.
- TOURNAMENTS, mediæval combats, XXIII. 489; Eglinton tournament (1839), VII. 699.
- TOURNAV, town, Belgium, XXIII. 488.
- TOURNEBOUT, musical instrument, XXIII. 489.
- TOURNEFORT, Joseph Pitton de, French botanist, XXIII. 490; his classification of plants, IV. 79.
- TOURNEUR, Cyril, English tragic poet, XXIII. 490.
- TOURNIQUET, surgical instrument, XXII. 676.
- TOURS, town, France, XXIII. 491; defeat of Saracens near (732), v. 428.

- TOUS-LES-MOIS, variety of arrowroot, II. 631.
- TOUSOON BEG, his expedition against the Wahhabees, II. 261; VII. 764.
- TOUSSAINT LOUVERTURE, Pierre Dominique, Haytian liberator, XXIII. 492; XI. 545; XXII. 140.
- TOUZLA, river, Turkey in Asia, XXIII. 578.
- TOVI, Danish thane, XXIV. 340.
- TOW, of flax, IX. 298; XIV. 665.
- TOWER, in architecture, II. 474.
- , The, London, XIV. 839, 843.
- , Beauchamp, his spherical steam-engine, XXII. 516.
- HAMLETS, district, London, XIV. 821.
- OF BABEL, Legends of, III. 179.
- TOWERS, Round, XXI. 22; of Ireland, II. 429; at Abernethy, Scotland, I. 46.
- TOWEYK, mountains, Arabia, II. 239.
- TOWN, TOWNS, IV. 62; V. 796; XVII. 27; American, XXIII. 731, 827; English, growth of, VIII. 276, 303.
- TOWNELEY PLAYS, early English collection, VII. 414.
- TOWN-MOOT, Saxon, XVIII. 302.
- TOWNSHEND, Second Viscount, English statesman, XXIII. 492.
- , Charles, English politician, XXIII. 493.
- TOWNSHEND'S ACTS (1767), English, XXIII. 738.
- TOWNSHIP, Legal theory of the, XIV. 365; in relation to parish, XVIII. 295; American, XXIII. 731, 827; English, VIII. 273.
- TOW-PATH, by canals, IV. 785.
- TOWTON, England, Battle of (1461), VII. 685; XXIV. 381.
- TOWYN, town, Wales, XVI. 39.
- TOYNBEE, Arnold, English economist, XIX. 399.
- TOXIC DISEASES, XVIII. 406.
- TOXICOLOGY, branch of medicine, XV. 796; XIX. 275.
- TOXOPHILITE SOCIETY, The Royal, II. 375.
- TRABISONDA, Italian poem, XX. 653.
- TRACERY, in architecture, II. 475.
- TRACHEA, respiratory organ, XX. 475; in relation to the voice, XXIV. 273; of mammals, XV. 365.
- TRACHEATA, class of Arthropoda, XVII. 116.
- TRACHELIA, group of beetles, VI. 133.
- TRACHINIÆ, Sophocles's drama, XXII. 273.
- TRACHINUS, genus of fishes, XXIV. 477.
- TRACHIS, town, ancient Greece, XXIII. 494.
- TRACHOMEDUSÆ, order of Hydrozoa, XII. 562.
- TRACHONITIS, province, Bashan, III. 410.
- TRACHYLITE, rock, X. 235.
- TRACHYPTERIDÆ, family of fishes, XVII. 694.
- TRACHYPTERUS, genus of fishes, XX. 531.
- TRACHYSTOMATA, genus of Amphibia, XXII. 97.
- TRACHYTE, rock, X. 234.
- TRACTARIANISM, in Church of England, VIII. 378; XX. 117; Keble's relation to, XIV. 25.
- TRACTATES, Early controversial, XVIII. 204.
- TRACTION, on railways, XX. 246; on tramways, XXIII. 507.
- , Effect of, on magnetization, XV. 269.
- , Electric, XXIII. 494.
- , ENGINES, XXII. 522.
- TRACTS, XVIII. 204.
- FOR THE TIMES, XIV. 25; XX. 117.
- TRACT SOCIETIES, XXIII. 494.
- TRACY, Antoine Louis Claude Destutt, Comte de, French philosopher, XXIII. 497.
- TRADE, or Commerce, VI. 196; balance of, XIX. 354; international, XXIV. 51; Sir Dudley North's paradoxes on, XVII. 555; commercial societies, XXII. 227.
- , Board of, English, XXIII. 497; its early restrictions on American industries, XXIII. 733, 736.
- CORPORATIONS, Monopolies of, II. 213.
- COUNCILS, XXIII. 501.
- TRADE-GUILDS, XI. 261.
- TRADE MARKS, XXIII. 498.
- TRADESCANT, John, founder of museum, Oxford, XVIII. 95; his collection of rarities, XI. 338.
- TRADESMEN, in relation to labour, XIV. 166.
- TRADE UNIONS, XXIII. 499; VI. 181; rise of, II. 213; effect of, on wages, XXIV. 311; in relation to tariff protection, IX. 759; in United States, XXIII. 786.
- TRADE-WINDS, The, XVI. 143; their influence on climate of America, I. 675.
- TRADING-COMPANIES, Acts dealing with, VI. 222.
- TRADITION, in relation to history, XII. 19.
- TRAFALGAR, Spain, Battle of (1805), VI. 146; VIII. 363; IX. 615; XVII. 323.
- TRAGACANTH, gum, XI. 275.
- TRAGEDY, VII. 395.
- TRAGULINA, group of ungulate mammals, XV. 430.
- TRAINED BANDS, of London, XXIV. 293.
- TRAINING, Physical, XI. 348; diet for, VII. 203; of horses, XII. 188.
- WALLS, of rivers, XX. 577.
- TRAIN OF IDEAS, in psychology, XX. 62; II. 730.
- TRAIN OIL, XXIV. 529.
- TRAINS, of mechanism, XV. 762.
- TRAINS, Railway, XX. 246.
- TRAJAN (Marcus Ulpius Traianus), Roman emperor, XXIII. 502; XX. 772; colleague of emperor Nerva, XVII. 353; his conquests in Armenia and Parthia, XVIII. 603; his relations with Pliny the Younger, XIX. 226; arch of, at Benevento, III. 561; basilica of, at Rome, III. 413; bridge of, across the Danube, IV. 329; column of, at Rome, XX. 827; wall of, in Bessarabia, III. 615.
- TRAJECTORY, of projectiles, XI. 301.
- TRAKEHNEN, Prussia, Government stud at, XX. 20.
- TRALEE, town, Ireland, XXIII. 505.
- TRALLIANUS, Alexander, Byzantine physician, XV. 804.
- TRAMORE, town, Ireland, XXIV. 401.
- TRAMWAY, XXIII. 506; electric, XXIII. 495, 508; locomotive engines for, XXII. 522; early tramroads, XX. 223.
- TRANCE, XV. 277; XXII. 154.
- TRANI, town, Italy, XXIII. 509.
- TRANQUEBAR, town, India, XXIII. 509.
- TRANS-ALAI MOUNTAINS, Turkestan, XXIII. 633.
- TRANSBAIKALIA, province, Siberia, XXIII. 509.
- TRANSCASPIAN REGION, Russia, XXIII. 511.
- TRANSCAUCASIA, Russia, XXIII. 513.
- TRANSCENDENTALISM, its affinity with mysticism, XVII. 135; Kant on, XIII. 853.
- TRANSCENDENTALPHILOSOPHIE, Schelling's, XXI. 393.
- TRANSEPT, in architecture, II. 475.
- TRANSFER PAPER, Lithographic, XIV. 698.
- TRANSFORMATION, Animal, XV. 91.
- TRANSIT CIRCLE, astronomical instrument, XXIII. 515, 146.
- TRANSIT INSTRUMENTS, II. 766; X. 165; XXII. 719; XXIII. 146, 515; Roemer's invention of, XX. 620.
- TRANSITS, of Venus, II. 791, 796; XVIII. 247; stellar, II. 766.
- TRANSKEI (Kaffraria), territory, South Africa, XIII. 816.
- TRANSMIGRATION OF SOULS, XV. 91; XVI. 106; Pythagorean doctrine of, XX. 139. Compare Metempsychosis and Soul.
- TRANSOM, in architecture, II. 475.
- TRANSOXIANA, region, Central Asia, XVIII. 101; Timur's rule in, XXIII. 399.
- TRANSPIRATION, in plants, XIX. 46.
- TRANSPLANTING, in horticulture, XII. 214, 239.
- TRANSPORT, Military, XXIV. 349; transport service of British army, II. 582.
- TRANSPORTATION, of convicts, XIX. 748, 750; to Siberia, XXII. 10.
- TRANSUBSTANTIATION, Eucharistic doctrine, VIII. 653; opposed by Beren-

- garius, III. 585; Luther's views on, xv. 81.
- TRANNSVAAL, country, South Africa, XXIII. 516; I. 270.
- TRANSVERSE FLUTE, XXIII. 519.
- TRANSYLVANIA, principality, Austria-Hungary, XXIII. 521; XII. 361; conquest of, by Walachia, XXI. 17; Unitarianism in, XXIII. 725.
- TRAP, for drain, IV. 467; for water-pipe, XXI. 714.
- TRAPANI, town, Sicily, XXIII. 522.
- TRAPASSI, Pietro (Metastasio), Italian dramatist and poet, XIII. 513; XVI. 103.
- TRAPEZIUMS, Mensuration of, XVI. 15.
- TRAPEZUS (Trebizond), town, Asia Minor, XIX. 459; XXIII. 533.
- TRAPPISTS, monastic order, XXIII. 522.
- TRAQUAIR CASTLE, Peeblesshire, Scotland, XVIII. 452.
- TRASIMENE, Lake, Italy, XIII. 440; battle of (217 B.C.), XI. 442.
- TRAS-OS-MONTES, province, Portugal, XXIII. 525.
- TRASTAMARA, Henry of, king of Castile, XIV. 255.
- TRAUSNITZ, Castle of, Bavaria, XIV. 281.
- TRAVANCORE, state, India, XXIII. 525.
- TRAVELLER, The, Goldsmith's poem, X. 762.
- TRAVELLER'S SONG, Anglo-Saxon poem, VIII. 403.
- TRAVELLER'S TREE, in Madagascar, XV. 170.
- TRAVEMÜNDE, dependency of Lübeck, Germany, XV. 33.
- TRAVERS, Anne, mistress of Edward III. of England, VII. 684.
- , W. T. L., on New Zealand birds, XVII. 469.
- , Val de, Neuchâtel, Switzerland, XVII. 361; asphalt of, II. 716.
- TRAVERSES, in fortification, IX. 445.
- TRAVERSE TABLE, in navigation, XVII. 264.
- TRAVERSING; as basis for survey, XXII. 705.
- TRAVERTINE, Roman building stone, XX. 808.
- TRAWLING, mode of fishing, IX. 246.
- TRAYLE, or Vignette, in architecture, II. 475.
- TREADLE, of loom, XXIV. 464; ancient, XXIII. 206.
- TREAD-MILL, or Treadwheel, in prison discipline, XIX. 755; its invention by Cubitt, VI. 683.
- TREASON, in law, XXIII. 525; VI. 588; in United States, XXIII. 751.
- TREASURER, Lord High, of Great Britain, XXII. 458.
- TREASURE-TROVE, Law relating to, XXIII. 530.
- TREASURY, English state department, XXII. 458.
- TREAT, Captain Robert, early settler, Newark, New Jersey, U.S.A., XVII. 371.
- TREATIES, contracts between states, XXIII. 530.
- TREBBIA, river, Italy, XIII. 436; battle of (218 B.C.), XX. 749.
- TREBELLIVS POLLIO, Augustan historian, III. 74.
- TREBIZOND, town, Turkey in Asia, XXIII. 533; province, XXIII. 653.
- , Empire of, XXIII. 533.
- TREDEGAR, town, England, XXIII. 534.
- TREDIAKOVSKI, Basil, Russian poet, XXI. 106.
- TREE-CREEPER, bird, XXIII. 534.
- TREE-FERN, XXIII. 534; IX. 102.
- TREE-FROG, IX. 795, 797.
- TREE OF LIFE, of paradise, I. 137, 138.
- TREE OF LIFE, arbor vitæ, II. 313.
- TREES, in forestry, IX. 397; culture of, II. 314, 321; garden, XII. 260; large, in California, IV. 704; XXI. 673; XXIII. 809; large, in Victoria, XXIV. 217.
- TREE SNAKES, XXII. 195.
- TREGELLES, Samuel Prideaux, English New Testament scholar, XXIII. 535.
- TRELAWNY, Captain Edward John, friend of Shelley, XXI. 792.
- TREMAREC, Kerguelen, French navigator, XIV. 49.
- TREMATODA, division of worms, XXIII. 535; their relation to tape-worms, XXIII. 54; parasitic forms, XVIII. 259.
- TREMBECKI, Stanislaus, Polish poet, XIX. 303.
- TREMBLEY, Abraham, Swiss naturalist, XXIV. 806.
- TREMELAI, Bernard de, master of Knights Templars, XXIII. 160.
- TREMELLINI, suborder of Fungi, IX. 832.
- TREMILÆ, ancient tribe, Asia Minor, XV. 92.
- TREMITI ISLANDS, Italy, XIII. 441.
- TREMOLITE, mineral, XVI. 417.
- TREMOLOPHONE, Girard's, musical instrument, X. 620.
- TREMONT, peninsula, site of Boston, Massachusetts, U.S.A., IV. 72.
- TRENCH, Richard Chenevix, archbishop of Dublin, XXIII. 540.
- TRENCHES, in fortification, IX. 430.
- TRENCHING, of land, I. 335.
- TRENCK, Franz, Baron von der, Austrian commander, XXIII. 541.
- , Friedrich, Freiherr von der, German adventurer, XXIII. 542.
- TRENDELENBURG, Friedrich Adolf, German philosopher, XXIII. 542; on the categories, V. 225.
- TRENT, river, England, XVII. 598.
- , town, Austria, XXIII. 543.
- , Council of (1545-62), XXIII. 543; V. 416; XIX. 153, 504; decrees and canons of, VI. 564; Pallavicini's History of, XVIII. 189; Sarpi's History of, XXI. 312.
- TRENT AFFAIR, between England and United States, XXIII. 775; Lincoln's part in, XIV. 661.
- TRENTON, town, New Jersey, U.S.A., XXIII. 552; battle of (1776), XXIII. 743.
- FALLS, New York, U.S.A., XVII. 451.
- TRENT RIVER CANAL, Canada, XXI. 180.
- TREPANG, or Tripang, edible echinoderm, III. 477; VII. 639; fisheries, IX. 268.
- TREPHEMING, in surgery, XXII. 689.
- TRESCHOW, Niels, Norse philosopher, XVII. 590.
- TRESCO, one of the Scilly Isles, England, XXI. 465.
- TRESPASS, in law, XXIII. 552.
- TRESSURE, in heraldry, XI. 697.
- TRETENTERATA, group of Brachiopoda, IV. 189, 194.
- TRETUM, promontory, Numidia, XVII. 627.
- TREUGA DEI, or Truce of God, XXIII. 590; IX. 537.
- TREVES, town, Rhenish Prussia, XXIII. 552; university, XXIII. 842.
- TREVIRANUS, Gottfried Reinhold, German naturalist, XXIII. 553; on evolution, VIII. 748.
- TREVISI, town, Italy, XXIII. 554; university, XXIII. 837.
- TREVITHICK, Richard, improver of steam-engine, XXIII. 554; XXII. 476.
- TRIADS, The, in Welsh literature, V. 316.
- TRIAL, in law, XXIII. 555.
- TRIALOGUS, Wycliffe's work, XXIV. 711.
- TRIANGLES, Measurement of, XXIII. 561; XVI. 14; geometrical relations of, X. 377.
- TRIANGULAR NUMBERS, Tables of, XXIII. 8.
- TRIANGULATION, in geodesy, VII. 597, 599; X. 163, 167; XV. 522; in surveying, XXII. 697.
- TRIANONS, pavilions, Versailles, France, XXIV. 177.
- TRIASSIC ROCKS, in geology, X. 352.
- TRIBE, TRIBES, among primitive races, IX. 20; grouping in, VIII. 619; Irish and Gaelic, V. 799.
- TRIBES OF ISRAEL, Settlement of the, XVIII. 512.
- TRIBONIAN, Roman jurist, XXIII. 555; XIII. 793.
- TRIBONYX, genus of birds, XVI. 808.
- TRIBOULET, French jester, IX. 367.
- TRIBUNATE, Roman, XX. 736, 771.
- TRIBUNE, Roman public officer, XXIII. 556.
- TRIBUTE, in state finance, IX. 171.
- TRICAMARUM, near Carthage, North Africa, Battle of (533), XXIV. 59.
- TRICHECHUS, genus of carnivorous mammals, XV. 443; XXIV. 337.

- TRICHINA, genus of nematode worms, xvii. 325; xviii. 270; xxiv. 206.
- TRICHINOPOLI, district and town, India, xxiii. 559.
- TRICHINOSIS, disease, xviii. 270; in the pig, xxiv. 206.
- TRICHOCEPHALUS, genus of nematode worms, xvii. 325; xxiv. 206.
- TRICHOMES, epidermal appendages of plants, iv. 90.
- TRICHOPTERA, group of insects, xiii. 151.
- TRICHOSOMA, genus of nematode worms, xvii. 325.
- TRICHYS, genus of rodent mammals, xix. 518.
- TRICKS, in white magic, xv. 207.
- TRICLADIDA, tribe of planarian worms, xix. 171, 174.
- TRICLASITE, mineral, xvi. 418.
- TRICOLOR, French flag, ix. 279, 598.
- TRICONODON, fossil mammal, xv. 376.
- TRICOUPIS, Spiridion, Greek historian, xi. 152.
- TRIC-TRAC, game, iii. 199.
- TRICYCLE, xxiii. 559.
- TRIDENTINI, Rhetian people, xx. 505.
- TRIDENTUM (Trent), ancient town, Austria, xxiii. 543.
- TRIDYHITE, mineral, xvi. 389; xxii. 53.
- TRIER (Treves, *q.v.*), town, Rhenish Prussia, xxiii. 552.
- TRIERS, Puritan ecclesiastical examiners, viii. 378.
- TRIESTE, town, Austria-Hungary, xxiii. 560; iii. 121.
- TRIEWALD, Samuel von, Swedish satirist, xxii. 755.
- TRIFELS, castle, Bavaria, prison of Richard Cœur de Lion, ii. 147.
- TRIFORIUM, in architecture, ii. 475.
- TRIGGER-FISH, ix. 161.
- TRIGLA, genus of fishes, xi. 332.
- TRIGLYPH, in architecture, ii. 475, 403.
- TRIGONELLA, genus of herbs, ix. 76.
- TRIGONOCEPHALUS, genus of snakes, xxii. 199.
- TRIGONOMETRICAL SURVEY, of India, xxii. 696; x. 163.
- TRIGONOMETRICAL TABLES, xxiii. 9.
- TRIGONOMETRY, in mathematics, xxiii. 561; use of, in surveying, xxii. 696; Hipparchus and Ptolemy's discoveries in, xx. 87.
- TRILLOBITE, crustacean, vi. 659.
- TRIM, town, Ireland, xv. 669; Irish parliament at, xiii. 261.
- TRIMERA, group of insects, vi. 134; xiii. 150.
- TRIMERELLIDÆ, family of Brachiopoda, iv. 194.
- TRIMERESURUS, genus of snakes, xxii. 199.
- TRIMONTIUM (Philippopolis), Roman town, Thrace, xviii. 753.
- TRIMOUNTAINE, former name of Boston, Massachusetts, U.S.A., iv. 72.
- TRINCOMALEE, town, Ceylon, xxiii. 573.
- TRINGA, genus of birds, xiv. 129; xxi. 260.
- TRINGGANU, district, Malay Peninsula, xv. 322.
- TRINIDAD, island, West Indies, xxiii. 573; asphalt lake in, ii. 715; birds of, iii. 747.
- TRINITARIANS, religious order, xxiii. 574.
- TRINITY, Doctrine of the, xxiii. 239, 248; in Taoism, xiv. 297.
- , Clarke's Scripture Doctrine of, v. 811.
- COLLEGE, Cambridge, iv. 730; Bentley's reforms in, iii. 579.
- COLLEGE, Dublin, vii. 498.
- COLLEGE, Oxford, xviii. 97.
- HALL, Cambridge, iv. 731.
- HOUSE, English corporation, xxiii. 574; xiv. 831.
- SUNDAY, xxiii. 574.
- TRIOLEIN, glyceride, x. 697; xvii. 740.
- TRIOLETS, form of verse, in early French literature, ix. 644.
- TRIONYCHIDÆ, family of chelonian reptiles, xxiii. 457.
- TRIONYX, genus of turtles, xxiii. 457, 459.
- TRIPALMITIN, glyceride, xvii. 740.
- TRIPANG, or Trepang, edible echinoderm, iii. 477; vii. 639; fisheries, ix. 268.
- TRIPE DE ROCHE, lichen, xiv. 560.
- TRIPHYLIA, ancient state, Greece, xvii. 766.
- TRIPHYLITE, mineral, xvi. 404.
- TRIPHYLLINE, mineral, xiv. 697.
- TRIPLE ALLIANCE, The (1668), ix. 576.
- TRIPLE TRADITION, of the Gospels, x. 792.
- TRIPLITE, mineral, xvi. 407.
- TRIPLOIDITE, mineral, xvi. 405.
- TRIPODS, Street of, at Athens, iii. 7.
- TRIPOLI, state, North Africa, xxiii. 574; i. 265; conquest of, by the Turks, xxiii. 643; Jews in, xiii. 687; town, xxiii. 575; i. 265.
- , town, Syria, xxiii. 576.
- TRIPOLITZA, town, Greece, xxiii. 576.
- TRIPOS LIST, Cambridge, viii. 778.
- TRIPPKEITE, mineral, xvi. 408.
- TRIPTOLEMUS, Sophocles's drama, xxii. 272.
- TRIPTYCHS, three-leaved writing tablets, vii. 257; inscribed, xviii. 143.
- TRIREME, ancient ship, xxi. 806.
- TRISAGION, doxology, vii. 384.
- TRISMEGISTUS, Hermes, of Egyptian mythology and Greek literature, xi. 750.
- TRISMUS, or Lockjaw, xxiii. 200.
- TRISSINO, Gian Giorgio, Italian poet, xiii. 509.
- TRISTAN, romance, xx. 644, 647.
- DA CUNHA, islands, South Atlantic, xxiii. 576; iii. 18.
- UND ISOLDE, Wagner's opera, xxiv. 315.
- UND ISOLT, Gottfried's poem, x. 854.
- TRISTEARIN, glyceride, x. 697; xvii. 740.
- TRISTOMEÆ, family of trematode worms, xxiii. 539.
- TRISTRAM, or Tristan, romance, xx. 644, 647.
- , Henry Baker, on birds, xviii. 33.
- SHANDY, Sterne's book, xxii. 542.
- TRITHEMIUS, John, writer on cryptography, vi. 669.
- TRITHIONIC ACID, v. 507.
- TRITICUM, genus of plants, xxiv. 531.
- TRITOGENEIA, epithet of Athena, ii. 830.
- TRITOMITE, mineral, xvi. 425.
- TRITON, genus of reptiles, xxiii. 577; i. 768; its similarity to the sireon, xxii. 96.
- , genus of Mollusca, xvi. 650.
- TRITONIS, epithet of Athena, ii. 830.
- TRIUMPH, Roman public honour, xxiii. 577.
- TRIUMPHAL ARCHES, at Rome, ii. 419; xx. 830.
- TRIUMPH OF LIFE, Shelley's poem, xxi. 794.
- TRIUMPHILINI, Rhetian people, xx. 505.
- TRIUMVIRI, or Triumvirate, Roman, ii. 141; iii. 79; xx. 765, 768.
- TRIVANDRUM, town, India, xxiii. 577; observatory at, xvii. 716.
- TRIVIUM, mediæval academic course, xx. 515.
- TROAD, district, Asia Minor, xxiii. 577; xvii. 122; coins of, xvii. 646.
- TROADES, Euripides's play, viii. 676.
- TROCEDORFIUS, Valentin Friedland, German teacher, xxiii. 588.
- TROCHILIDÆ, family of birds, xii. 357.
- TROCHU, Louis Jules, French general, ix. 627.
- TROCMI, ancient tribe, Asia Minor, x. 18.
- TRÖGERITE, mineral, xvi. 406.
- TROGLODYTES, ancient cave-dwellers, xxiii. 583.
- , genus of apes, ii. 149.
- , genus of birds, xxiv. 688.
- TROGON, bird, xxiii. 583; xx. 179.
- TROGOSITA MAURITANICA, wheat pest, xxiv. 536.
- TROGULIDES, family of arachnids, ii. 279.
- TROGUS, Cnæus Pompeius, Roman historian, xxiii. 584; xiii. 791.
- TROIA, ancient town, Portugal, xxi. 697.
- TROILUS AND CRESSIDA, romance, xx. 639.
- TROILUS AND CRESSIDA, Shakespeare's play, xxi. 764.

- TROITSK, monastery, Russia, XXI. 676.
 —, town, Russia, XXIII. 584; XVII. 826; XVIII. 515.
 TROITZE-SERGHIEVSK, town, Russia, XXI. 675.
 TROKI, town, Russia, XXIV. 234.
 TROLLHÄTTAN, waterfall, Sweden, XXII. 737.
 TROLLOPE, Anthony, English novelist, XXIII. 585.
 —, Frances, English authoress, XXIII. 585.
 TROMBIDIIDÆ, or Trombidides, family of mites, II. 276; XVI. 528.
 TROMBONE, musical instrument, XXIII. 586.
 TROMLITZ, George, improver of German flute, XXIII. 520.
 TROMÖEN, island, Norway, XVII. 576.
 TROMP, Cornelius, Dutch admiral, XXIII. 588.
 —, Martin Harpertsoon, Dutch admiral, XXIII. 587; XII. 80; his naval action with Blake, III. 804.
 TROMPE, water blowing engine, III. 551.
 TROMSÖ, town, Norway, XXIII. 588.
 TRONA, mineral, XVI. 399.
 TRONDHEIM, town, Norway, XXIII. 321.
 TROÖDOS, Mount, Cyprus, VI. 747.
 TROON, town, Scotland, III. 163.
 TROOP HORSE, XII. 191.
 TROOSTITE, mineral, XVI. 411.
 TROPARION, in Greek hymnody, XII. 580.
 TROPHONIUS, Oracle of, in Greece, XVII. 808.
 TROPIC-BIRD, XXIII. 588.
 TROPICS, or Solstices, II. 770; X. 199.
 TROPIDONOTUS, genus of snakes, XXII. 194.
 TROPIDORHYNCHUS, genus of birds, XVII. 844; mimicry in, XVI. 341.
 TROPFAU, town, Austria, XXIII. 588; congress of (1820), XVI. 201; district, XXII. 53.
 TROTMAN'S ANCHOR, II. 6.
 TROTMUNDE (Dortmund), town, Germany, VII. 374.
 TROTting, horse racing, XII. 203, 204.
 TROTULA, female physician, Middle Ages, XV. 806.
 TROTZENDORF, Valentin Friedland, German teacher, XXIII. 588.
 TROUBADOURS, mediæval minstrels, VII. 413; XVI. 479; XVII. 83; XIX. 873; XX. 642; poetry of, XIX. 873; early French, IX. 646; in Portugal, XIX. 555.
 TROUGHTON, Edward, English instrument maker, XXIII. 589; his filar micrometer, XVI. 243; his method of graduating scales, XI. 28.
 TROU MADAME, bagatelle game, III. 230.
 TROUS-DE-LOUP, in fortification, IX. 424.
 TROUSERS, worn by Roman soldiers, VI. 457.
 TROUT, fish, XII. 693; XXI. 221, 225; angling for, II. 41.
 TROUVILLE, town, France, XXIII. 589.
 TROVER, in law, XXIII. 589.
 TROWBRIDGE, town, England, XXIII. 589.
 TROY, ancient town, Asia Minor, XXIII. 577; coins of, XVII. 646; of the Iliad, XII. 117; Schliemann's researches, II. 341.
 —, town, New York, U.S.A., XXIII. 590.
 —, West, town, New York, U.S.A., XXIV. 517.
 —, Legend of, romance, XX. 637.
 —, Jean François de, French painter, XXIII. 590.
 TROYES, town, France, XXIII. 590; treaty of (1420), VIII. 320; IX. 549; libraries, XIV. 526, 546.
 TROY WEIGHT, II. 533.
 TRUBTCHEVSK, town, Russia, XVII. 826.
 TRUCE, Military, XXIII. 531.
 — OF GOD, XXIII. 590; IX. 537.
 TRUCHAS, mountain, New Mexico, U.S.A., XVII. 399.
 TRUCKEE, river and lake, Nevada, U.S.A., XVII. 367.
 TRUCKS, Railway, XX. 247.
 TRUCK SYSTEM, of wages payments, XIV. 172.
 TRUE DISCOURSE, Celsus's work, V. 295.
 TRUE HISTORY, Lucian's, XV. 43.
 TRUE INTELLECTUAL SYSTEM, Cudworth's work, VI. 689.
 TRUFFLE, edible fungus, XXIII. 591.
 TRUJILLO, or Truxillo, town, Peru, XVIII. 674.
 TRUMBULL, distinguished American family, XXIII. 592.
 —, John, American writer, XXIII. 592; I. 722.
 TRUMP, old card game, XXIV. 543.
 TRUMPET, musical instrument, XXIII. 592.
 —, Organ, XVII. 830.
 —, Speaking and Hearing, XXIII. 594.
 TRUMPETER, or Trumpet-Bird, XXIII. 594.
 TRUNDLES, in mechanics, XV. 759.
 TRUNK-HOSE, in mediæval costume, VI. 471.
 TRURO, town, England, XXIII. 595.
 TRUSS, in surgery, XI. 753.
 TRUSSES, in bridge-building, IV. 315, 321.
 TRUST, in law, XXIII. 595.
 — ASSOCIATIONS, III. 328.
 TRUSTEE, in law, XXIII. 597.
 TRUTH, Cartesian criterion of, V. 143; Condillac's, VI. 250; scholastic theory of the twofold nature of, XXI. 382, 431. See also articles Belief and Scepticism.
 TRUTHS, The Four Great, of Buddhism, IV. 428.
 TRUVOR, Russian chief, XXI. 87.
 TRUXILLO, town, Honduras, XII. 130.
 —, town, Peru, XVIII. 674.
 TRYGON, genus of fishes, XX. 299.
 TRYOLITE, mineral, XVI. 406.
 TRYON, William, governor of North Carolina, U.S.A., XVII. 562; XXIII. 739.
 TRYPHO, Syrian usurper, XIII. 423.
 —, the Jew, Justin Martyr's dialogue with, XIII. 790.
 TRYPOGRAPH, for manifold writing, XXIV. 698.
 TRYPSIN, alimentary secretion, XVII. 671; XIX. 18.
 TRYPSINOGEN, alimentary secretion, XIX. 18.
 TSANA, Lake, Abyssinia, XVII. 507.
 TSAR, or Czar, title, XXI. 92.
 TSARITSYN, town, Russia, XXIII. 600; XXI. 305.
 TSARITZYNO PARK, Moscow, Russia, XVI. 859.
 TSARSKOYE SELO, town, Russia, XXIII. 600; XXI. 194.
 TSCHENSTOCHOW (Czenstochova), Old and New, towns, Poland, VI. 754.
 TSCHWENKINITE, mineral, XVI. 426.
 TSCHUDI, distinguished Swiss family, XXIII. 601.
 —, Giles, or Ægidius, Swiss historian, XXIII. 600; XXII. 797.
 —, John Henry, Swiss historian, XXIII. 601; XXII. 798.
 —, John James, Swiss family historian, XXIII. 601; XXII. 798.
 TSE-NAN FOO, town, China, XXIII. 601; V. 633.
 TSEKLAES, Johann, count of Tilly, imperial general, XXIII. 391; III. 125; X. 500.
 TSETSE FLY, XXIII. 601, 518; I. 260; VII. 256.
 TSE-WANG ARABTAN, Kalmuk khan, XVI. 746.
 TSHAKA, or Chaka, Zulu chief, XXIV. 828; XVII. 242.
 TSHAKONES, Greek race, XI. 84.
 TSHI, tribe and language, Gold Coast, Africa, X. 756.
 TSIRIBIHINA, river, Madagascar, XV. 169.
 TSI-TSI-HAR, province, Manchuria, XV. 466.
 TSIT-TOUNG, river, Burmah, XXI. 849; XXIII. 486.
 TSIU-TSUAN-TSIUN, town, China, XXII. 617.
 TSNA, river, Russia, XXI. 115; XXIV. 279.
 TSONGKAPA, Buddhist reformer, XIV. 229.
 TSUGARU STRAITS, Japan, XIII. 570.

- TSUSHIMA, island, Japan, XIII. 569.
- TU, region, North Central Africa, XXIII. 334.
- TUAM, town, Ireland, XXIII. 601; X. 56.
- TUAMOTU ARCHIPELAGO, group of coral islands, South Pacific, XXIII. 602, 22.
- TUARICKS, or Tuaregs, race of people, North Africa, I. 261, 268; XXI. 151.
- TUAT, oasis, Africa, XVII. 695.
- TUATHA DE DANANN, early Irish tribe, V. 299; in Irish legend, XIII. 243.
- TUATHAL, Irish king, XIII. 245.
- TUBA, Roman trumpet, XXIII. 592.
- TUBAL-CAIN, of Scripture, XIV. 238.
- TUBBUS, or Tabas, town, Persia, XVIII. 627.
- TUBE-MAKING, of brass, IV. 218.
- TUBER, of plants, XIX. 593; XX. 423.
- , genus of Fungi, XXIII. 591.
- TUBERACEÆ, suborder of Fungi, IX. 834.
- TUBERCULAR DISEASE, XVIII. 405, 855.
- TUBERCULOSIS, cattle disease, XXIV. 204.
- TUBEROSE, plant, XXIII. 602.
- TUBILUSTRIA, Roman festival, XXIV. 301.
- TUBINARES, group of birds, XVIII. 45, 712.
- TÜBINGEN, town, Würtemberg, XXIII. 602; library, XIV. 547; university, XXIII. 842.
- SCHOOL, Modern, of theology, III. 447; their criticism of the Acts, I. 127; their theory of the Gospels, III. 643.
- TUBULARIA, genus of Hydrozoa, XII. 547.
- TUBUS (Tibbus), nomad race, North Africa, XXIII. 334; I. 261, 268; XVIII. 318, 319; XXII. 278.
- TUCKER, Abraham, English moralist, XXIII. 603.
- , H. H., on the morality of Negroes, XVII. 317.
- , Josiah, dean of Gloucester, political economist, XXIII. 604; XIX. 365.
- TUCKERMANN, Henry T., American essayist, I. 724.
- TUCKERNUCK, island, Massachusetts, U.S.A., XVII. 174.
- TUCKER'S LOCKS, XIV. 747.
- TUCKEY, James Hingston, explorer of the river Congo, I. 246; X. 192.
- TUCO-TUCO, rodent mammal, XVIII. 353.
- TUCSON, town, Arizona, U.S.A., XXIII. 604.
- TUCUMAN, town, Argentine Republic, XXIII. 604.
- TUDELA, town, Spain, XXIII. 604.
- TUDER (Todi), ancient town, Italy, XXIII. 724.
- TUDMIR (Palmyra), town, Asiatic Turkey, XVIII. 198.
- TUDOR, House of, English dynasty, V. 237; XI. 662; XIV. 257.
- , Edmund, Tomb of, XXI. 160.
- , Owen, ancestor of House of Tudor, V. 237; VIII. 328.
- TUFF, or Tufa, volcanic stone, X. 239; as building material in ancient Rome, XX. 808.
- TÜFFER, spa, Styria, Austria, XXII. 614.
- TUGENDBUND, Prussian association, XX. 11.
- TUGGARAH, Lake, New South Wales, XVII. 408.
- TUGHLAK, Mahommed, sovereign of Delhi, India, XII. 608, 793.
- TIMUR, of Kashgar, XXIII. 399.
- TUI, bird, XII. 139.
- TUILERIES, palace, at Paris, XVIII. 276.
- TUKE, Sir Brian, first English postmaster, XIX. 562.
- , Henry, English ethical writer, XXIII. 604.
- , Samuel, English philanthropist, XXIII. 604.
- , William, English philanthropist; XXIII. 604.
- TU-KIU, Turkish race of people, XXIII. 659.
- TULA, government, Russia, XXIII. 604; town, XXIII. 605.
- TULARE, Lake, California, U.S.A., IV. 697.
- TULCHA, town, Roumania, VII. 309.
- TULCHAN BISHOPS, in Scottish history, VIII. 489; XIX. 680.
- TULIP, plant, XXIII. 605; XII. 253, 259.
- TREE, II. 320; XV. 283; of United States, XXIII. 808.
- WOOD, XX. 852.
- TULL, Jethro, his system of husbandry, I. 299.
- TULLE, town, France, XXIII. 605.
- , textile fabric, XXIII. 606.
- TULLIANUM, ancient building, at Rome, XX. 814.
- TULLIN, Christian Braumann, Norse poet, XVII. 590.
- TULLOCH, John, Scottish divine, XXIII. 606.
- TULLOCHGORUM, Skinner's song, XXII. 124.
- TULLUM (Toul), ancient town, France, XXIII. 483.
- TULLUS HOSTILIUS, king of Rome, XXIII. 606; XX. 733.
- TULOU, Jean Louis, French improver of the flute, XXIII. 521.
- TULSI-DAS, Hindi writer, XI. 846.
- TULTCHIN, town, Russia, XIX. 254.
- TULUNIDS, Moslem dynasty, XVI. 586.
- TUMBOYONKON, mountain, North Borneo, XXI. 123.
- TUMBREL, instrument of punishment, XIX. 96.
- TUMEDS, Mongol tribes, XVI. 744.
- TUMKUR, district, India, XXIII. 606.
- TUMLOOK (Tamluk), town, India, XVI. 284.
- TUMLUNG, town, India, XXII. 51.
- TUMMEL, Loch, Scotland, XIV. 217; XVIII. 665.
- TUMOURS, XVIII. 367, 371, 379, 382, 402; surgical operations on, XXII. 687.
- TUMULI, ancient burial-places, II. 384; III. 397; of ancient America, I. 692; at Carnac, France, V. 118.
- TUN, town, Persia, XVIII. 627.
- TUNBRIDGE, town, England, XXIII. 606.
- WELLS, town, England, XXIII. 607; mineral water of, XVI. 434.
- TUNDAH (Tanda), town, India, XVIII. 72.
- TUNDRAS, sterile regions, Russia, XIX. 328; XXI. 67, 75, 77; XXII. 2.
- TUNES, Hymn, XVII. 85.
- TUNG-CHOW, town, China, XXIII. 607.
- TUNG-KING, or Tong-King, French colony, Eastern Asia, XXIII. 439; VI. 93.
- TUNGSTATES, salts of tungsten, XXIII. 607; XVI. 403.
- TUNGSTEN, chemical element, XXIII. 607; V. 541; in iron, XIII. 284; in steel, XIII. 352.
- TUNGSTIC ACID, XXIII. 608.
- TUNGSTITE, mineral, XVI. 388.
- TUNG-TING, lake, China, V. 632.
- TUNGURAGUA, mountain, Ecuador, VII. 645.
- TUNGUSES, North Asiatic people, XXIII. 608; XV. 548; XXII. 9.
- TUNGUSIC LANGUAGE, XXIV. I.
- TUNGUSKA, or Tunguzka, rivers, Siberia, XXII. 5; XXIV. 742.
- TUNGZORUN, mountain, Caucasus, V. 253.
- TUNIC, ecclesiastical vestment, VI. 462.
- TUNICA, Roman article of dress, VI. 456.
- TUNICATA, group of animals, XXIII. 609; II. 53; XXIV. 186; embryology of, XX. 419; reproduction of, XX. 409; recognized as Vertebrata, XXIV. 179.
- TUNING FORK, XXIII. 619; I. 113, 117; XVII. 106.
- TUNIS, regency, North Africa, XXIII. 619; I. 265; conquest of, by the Turks, XXIII. 644; town, XXIII. 621.
- TUNKERS, American sect of Baptists, VII. 543.
- TUNNELING, XXIII. 622.
- TUNNELS, Railway, XX. 233.
- TUNNY, fish, XXIII. 625.
- TUNSTALL, town, England, XXIII. 625.
- , Marmaduke, on British birds, XVIII. 9.
- TUPAC AMARU, Insurrection of, in Bolivia, IV. 17.
- TUPAIA, genus of insectivorous mammals, XV. 402.
- TUPUNGATO, mountain, Chili, V. 616.

- TUR, Jebel al-, mountains, Sinai, Arabia, XXII. 88.
- TURA, river, Siberia, XXIII. 429.
- TURACUS, genus of birds, XXIII. 487.
- TURANIAN, meaning of the word, XXIII. 625.
- LANGUAGES, XXIV. 1; XVIII. 779.
- TURATEYA, district, Celebes, V. 288.
- TURBARY, Common of, right of cutting turf, VI. 209.
- TURBAT-I-HAIDARI, town, Persia, XVIII. 627.
- TURBELLARIANS, group of worms, XVII. 326; XIX. 170.
- TURBINE, water-wheel, XII. 438, 524; steam, XXII. 517.
- TURBOT, fish, XXIII. 625; XII. 692.
- TURCARET, Le Sage's drama, XIV. 472.
- TURCILINGI, Germanic tribes, XVII. 726.
- TURCOMANIA, regions of Asia, XVI. 42; XXIII. 512.
- TURCOMANS, peoples, Asia, XXIII. 660, 661; XIV. 64; of Asia Minor, II. 712; of Persia, XVIII. 627, 632; of Turkestan, XXIII. 636.
- TURCO-TATAR LANGUAGE, XXIII. 661.
- TURDETANIA (Tartessus), ancient district, Spain, XVIII. 806.
- TURDIDÆ, group of birds, XVIII. 47; their relation to Sylviidæ, XXIV. 366.
- TURDUS, genus of birds, XVIII. 74; XX. 318; XXIII. 322.
- TURENNE, Vicomte de, French marshal, XXIII. 626; IX. 571.
- TURFAU, oasis, Turkestan, XXIII. 639.
- TURGAI, province and town, Central Asia, XXIII. 627.
- TURGENIEFF, Ivan, Russian novelist, XXIII. 488; XXI. 108.
- TURGES, legendary king of Ireland, XIII. 251.
- TURGITE, mineral, XVI. 387.
- TURGOT, Anne Robert Jacques, Marquis de l'Aulne, French economist and statesman, XXIII. 627; IX. 594, 667; XIX. 361.
- TURGUTS, or Torgod, Mongol tribe, IV. 710; XVI. 745, 749.
- TURIN, town, Italy, XXIII. 630; academy, I. 70; libraries, XIV. 530, 548; observatory, XVII. 713; pictures, XXI. 447.
- TURINSK, town, Russia, XVIII. 550.
- , town, Tobolsk, Siberia, XXIII. 430.
- TURKA, spa, Eastern Siberia, XXIII. 510.
- TURKESTAN, East and West, Central Asia, XXIII. 631; I. 241; II. 680; XVIII. 101; XXII. 820.
- TURKEY, XXIII. 640; oppression of the Greeks by, XI. 122; wars with Persia, XVIII. 635, 636, 648; plague in, XIX. 167; wars with Russia, XVII. 485; XXI. 101; conquest of Servia by, XXI. 689; contests with Venice, XXIV. 144, 147; army, II. 617; carpets, V. 129; Jews in, XIII. 686; newspapers, XVII. 432; opium cultivation, XVII. 788; railways, XX. 252; weights and measures, XXIV. 490. See also Turks.
- TURKEY, bird, XXIII. 657; XIX. 646.
- CORN, maize, XV. 309.
- TURKEY-RED, in dyeing, IV. 688; VII. 576.
- TURKEY SPONGE, XXII. 423.
- TURKI LANGUAGE, XXIII. 661.
- TURKISH BATHS, III. 437.
- TURKISH LANGUAGE, XXIII. 661; XXIV. 1; dictionaries of, VII. 189.
- TURKISH LITERATURE, XXIII. 655.
- TURKISTAN, or Turkestan (*q.v.*), XXIII. 631.
- TURKMANS, peoples, Asia, XXIII. 660, 661. See Turcomans.
- TURKS, race of people, XXIII. 658; their first appearance in history, XVIII. 582; early history of, XVI. 584; first contact of, with the Persian empire, XVIII. 613; in Africa, I. 262; their occupation of Arabia, II. 260; in Athens, III. 10; invasion of Austria by, III. 126; invasion of Europe by (1683), XIX. 296; their attack on Vienna (1683), XIV. 466; in Walachia, XXI. 16, 18. See also Seljuks and Turkey.
- TURK'S-CAP CACTUS, IV. 625.
- TURK'S ISLANDS, West Indies, III. 236; XIII. 549.
- TURMERIC, tuberous root, XXIII. 662.
- TURNBULL'S BLUE, pigment, XX. 24.
- TURNER, Charles, English engraver, XXIII. 662.
- , Joseph Mallord William, English painter, XXIII. 663; XXI. 441.
- , William, on birds, XVIII. 3.
- TURNERITE, mineral, XVI. 403.
- TURNERS' TOOLS, XIV. 323; XV. 154.
- TURNHOUT, town, Belgium, XXIII. 668.
- TURNING LATHE, XIV. 323.
- PIECES, in mechanics, XV. 755.
- TURNIP BEETLE, I. 367.
- TURNIP-CUTTER, I. 326.
- TURNIP-FLY, or Turnip-Flea, XXIII. 668; VI. 134.
- TURNIP-PULPER, I. 327.
- TURNIPS, agricultural root-crop, I. 303, 365, 383; diseases of, I. 367; garden vegetable, XII. 288.
- TURNIP SAW-FLY, XXI. 343.
- TURNIP-SEED, I. 383.
- TURNIP-THINNER, I. 321.
- TURNIX, genus of birds, XX. 147.
- TURNOR, Hatton, his *Astra Castra*, .. 207.
- TURNPIKE, road, XI. 811; tolls levied on, XXIII. 436.
- TURNSOLE, plant, XI. 633.
- TURNSTONE, bird, XXIII. 668.
- TURN-TABLE, Railway, XX. 238.
- TUOLD, Anglo-Norman writer, VIII. 407.
- TURONES, ancient Gallic people, XXIII. 491.
- TURPENTINE, oleo-resin, XXIII. 669, crude, XX. 852; from the larch, XIV. 310; from the pine, XIX. 104; Strasburg, IX. 225; Venice, XIV. 310.
- TURPIN, archbishop of Rheims, legendary chronicler, XXIII. 669; XX. 626; chronicle of, XX. 650.
- TURQUOISE, precious stone, XXIII. 669; XVI. 405.
- TURRECREMATA, Johannes de (Torquemada), cardinal, XXIII. 452.
- TURRETIN, Genevan theologians (Benott, François, and Jean Alphonse), XXIII. 670.
- TURRET-SHIELD, in fortification, IX. 453.
- TURRET-SHIPS, XVII. 285.
- TURSHIZ, district, Persia, XVIII. 627.
- TURSIO, cetacean mammal, XV. 399.
- TURTLE, chelonian reptile, XX. 441, 445; XXIII. 455.
- TURTLE-DOVE, VII. 380.
- TURUNCHUK, river, Russia, VII. 306.
- TUSCANY, territorial division, Italy, XXIII. 670; under the Medici, XV. 789; Siena annexed to, XXII. 43; dialect of, XIII. 496; straw-plaiting industry of, XXII. 593.
- TUSCIA, ancient division, Italy, XXIII. 671.
- TUSCULUM, ancient town, Italy, XXIII. 671; XIV. 344; bath at, III. 435; water-works at, II. 219.
- TUSIDDE, mountain, Sahara, Africa, XXII. 149.
- TUSKS, Ivory from, XIII. 520; of elephant, XV. 350.
- TUSSAC (or TUSSECK) GRASS, I. 378; IX. 15.
- TUSSER, Thomas, English poet, XXIII. 672; on husbandry, I. 296.
- TUSSUR, silkworm, XXII. 60; silk from, XII. 752.
- TUTELA (Tudela), ancient town, Spain, XXIII. 604.
- TUTICORIN, town, India, XXIII. 405.
- TUTORISM, in casuistry, XIV. 636.
- TUTOR, in law, XIII. 1, 3; in relation to women's rights, XXIV. 638; in Roman law, XX. 672, 688.
- TUTTLE'S COMET, VI. 193.
- TUTUILA, island, South Pacific, XVII. 279.
- TUTUL-XIUS, people of Yucatan, I. 705.
- TUY, town, Spain, XIX. 455.
- TUYERES, in blast-furnaces, XIII. 304.
- TUZLAH, salt lake, Asia Minor, II. 704.
- TVER, government and town, Russia, XXIII. 672.
- TWAITE SHAD, fish, XXI. 726.
- TWARDOWSKI, Samuel, Polish poet, XIX. 302.
- TWA-TU-TIA, town, Formosa, China, IX. 417.

- TWEED, river, Scotland, XXIII. 673; XVIII. 451; XXI. 33.
 —, William M., mayor of New York, XVII. 463.
 TWEEDDALE, district, Scotland, XVIII. 451.
 TWEEDMOUTH, town, England, III. 610.
 TWEED RING, New York, XXIII. 783.
 TWEEDS, variety of cloth, XXIV. 662.
 TWELFTH DAY, or Epiphany, VIII. 483.
 TWELFTH NIGHT, Shakespeare's play, XXI. 764.
 TWELVE LABOURS, of Hercules, XI. 726.
 TWELVE PATRIARCHS, Testaments of the, II. 180.
 TWELVE PEERS, of France, XVIII. 468.
 TWELVE TABLES, in Roman law, XIV. 328; XX. 678, 737.
 TWENTY-FOUR PARGANAS, district, India, XXIII. 673.
 TWESTEN, August D. C., German writer on logic, XIV. 800.
 TWICE TOLD TALES, Hawthorne's work, XI. 537.
 TWICKENHAM, town, England, XXIII. 673; Pope's residence at, XIX. 485.
 TWILIGHT, XXIII. 674; II. 770; X. 200, 205.
 TWILLER, Wouter van, director, New Netherland, America, XVII. 454.
 TWILL WEAVING, XXIV. 464.
 TWIN CRYSTALS, XVI. 363.
 TWINE MANUFACTURE, XX. 845.
 TWIN MONSTERS, XVI. 765.
 TWIST, Action of a, in mechanics, XV. 743.
 — TOBACCO, XXIII. 426.
 TWITE, bird, XIV. 675.
 TWO GENTLEMEN OF VERONA, Shakespeare's play, XXI. 763.
 TWO-HEADED EAGLE, of Russia, XXI. 91.
 TWO-HEADED NIGHTINGALE, female monsters, XVI. 766.
 TWO SICILIES, kingdom of Europe, XIII. 478; XXII. 28; Norman conquest of, XIII. 470.
 TWO THOUSAND GUINEAS, English horse-race, XII. 202.
 TY, or Tyr, Scandinavian divinity, I. 211.
 TYANA, ancient town, Asia Minor, v. 75.
 TYANITIS, region, Asia Minor, v. 75.
 TYARD, Pontus de, French poet, XX. 841.
 TYBURN, brook, London, XIV. 818.
 TYCHO BRAHE, Danish astronomer, IV. 200. See Brahe.
 TYCHONIC SOLAR SYSTEM, II. 777.
 TYCOON, Japanese ruler, XIII. 584.
 TYDÆA, genus of plants, XII. 266.
 TYKOCIN, town, Russia, XIV. 817.
 TYLDESLEY WITH SHAKERLEY, town, England, XXIII. 674.
 TYLENCHUS SCANDENS, wheat pest, XXIV. 536.
 TYLER, John, president of the United States, XXIII. 674, 766.
 —, Miss, guardian of Robert Southey, XXII. 290.
 —, Wat, Insurrection of, VIII. 319; XX. 541.
 TYLOPODA, group of ungulate mammals, XIV. 738; XV. 430.
 TYLOR, Edward B., on animism, II. 55; his theory of mythology, XVII. 143.
 TYM, river, Saghalin, Asia, XXI. 147.
 TYMPANUM, of human ear, I. 892.
 —, in architecture, II. 475.
 TYNDALE, William, translator of English Bible, XXIII. 675; VIII. 384; his relations with Luther, VIII. 374.
 TYNDALL, John, on motion of glaciers, X. 630; his experiments on magnetic crystals, XV. 266.
 TYNE, river, England, XXIII. 675; XVII. 565; improvement works of, XX. 578.
 TYNEMOUTH, town, England, XXIII. 675.
 TYNWALD, Court of, Isle of Man, XV. 452.
 TYPE, in biological classification, XX. 421.
 —, Printing, XXIII. 681, 692, 694, 697; for the blind, III. 827.
 TYPE-FOUNDING, XXIII. 699, 709; Baskerville's experiments in, III. 421.
 TYPE-PRINTING TELEGRAPH, XXIII. 120.
 TYPE-SETTING MACHINES, XXIII. 700.
 TYPE-WRITING MACHINES, XXIV. 698.
 TYPHLOPIDÆ, family of snakes, XXII. 192.
 TYPHOEUS, of Greek mythology, XXIII. 676.
 TYPHOID FEVER, XXIII. 678; XVIII. 403; in the horse, XXIV. 203.
 TYPHON, of Greek mythology, XXIII. 676; VII. 717.
 TYPHOON, hurricane, II. 690; XVI. 154; XXIII. 676.
 TYPHUS FEVER, XXIII. 676, 680; XVIII. 403; quarantine laws of, XX. 156.
 TYPO-ETCHING PROCESS, XXIII. 704.
 TYPOGRAPHIC ETCHING, for printing, XXIII. 704.
 TYPOGRAPHY, or Printing, XXIII. 681; early English, XIV. 705; knowledge of, necessary to the bibliographer, III. 653.
 TYPUS, of Constans II., in Monothelite controversy, XVI. 758; XV. 582.
 TYR, Scandinavian divinity, I. 211.
 TYRANNUS, genus of birds, XIV. 80.
 —, Maximus III., Roman emperor, XV. 645.
 —, CEdipus, Sophocles's drama, XXII. 273.
 TYRANNY, form of government, XI. 11.
 TYRANTS, Greek rulers, XI. 94.
 TYRAS (Dniester), river, Russia, VII. 306.
 TYRCONNEL, Count of, Austrian general, XVII. 727.
 TYRCONNEL, Earls of (the O'Donnells), XIII. 262.
 —, Richard Talbot, earl of, Irish statesman, XIII. 268.
 TYRE, town, Phœnicia, XXIII. 710; XVIII. 804, 807, 809; coins of, XVII. 650; siege and destruction of, by Alexander, I. 482; XVIII. 582.
 —, Era of, v. 715.
 TYRITE, mineral, XVI. 427.
 TYRO, mother of Pelias, XVIII. 474.
 TYROGLYPHIDÆ, family of mites, XVI. 528.
 TYROL, province, Austria, XXIII. 711; XX. 504; insurrection of, under Hofer, XII. 44.
 TYROLESE ALPS, I. 629, 630.
 TYRONE, county, Ireland, XXIII. 712.
 —, Earl of, XIII. 262.
 TYROPEON, valley, at Jerusalem, XIII. 637, 641.
 TYRREL, Sir James, keeper of Tower of London, VII. 685.
 TYRRHENIA, or Etruria (*q.v.*), VIII. 633.
 TYRSEUS, mythic king of Lydia, XV. 99.
 TYRTEUS, Greek elegiac poet, XXIII. 713.
 TYTHERLY, England, Owen's community at, XVIII. 88.
 TYTHING MAN, early English magistrate, XV. 217.
 TYTLER, Alexander Fraser, Lord Woodhouselee, Scottish judge, XXIII. 713.
 —, James, first British aeronaut, I. 190; contributor to 2d edition of Encyclopædia Britannica, I. 190; VIII. 200.
 —, Patrick Fraser, Scottish historian, XXIII. 714.
 —, William, Scottish historian and antiquary, XXIII. 714.
 TYUKALINSK, town, Tobolsk, Siberia, XXIII. 430.
 TYUMEN, town, Siberia, XXIII. 714.
 TZARSKOYE SELO, town, Russia, XXIII. 600; XXI. 194.
 TZERINI, town, Cyprus, VI. 748.
 TZETZES, Joannes, Byzantine writer, XXIII. 714; XI. 145.
 U, the twenty-first letter of the alphabet, XXIII. 715.
 UAT, or Uati, Egyptian divinity, IV. 590; VII. 718.
 UAUA, Nilotic tribes, Africa, XVII. 612.
 UBANGI, affluent of the Congo, Africa, XXIV. 764.
 UBASHA KHAN, Mongol ruler, XVI. 745.
 UBEDA, town, Spain, XXIII. 715.
 UBERTI, Fazio degli, Italian writer, XIII. 505.
 UBON, river, Cambodia, Asia, XV. 832.
 UCAYALE, or Ucayali, head stream of Amazon, South America, I. 654; XVIII. 672.
 UCCELLO, Pizzo d', mountain, Italy, XIII. 438.

- UCHATIUS PROCESS, of steel-making, XIII. 347.
- UDAIPUR, state, India, XXIII. 716; v. 768; XX. 260; town, XXIII. 716.
- UDAL, kind of land tenure, XXIII. 716.
- UDALL, Nicholas, English comedian, XXIII. 716; VIII. 416.
- UDDU, province of Uganda, Africa, XXIII. 717.
- UDENHEIM (Philippsburg), town, Baden, XVIII. 754.
- UDINE, town, Italy, XXIII. 716.
- UDINIANS, Caucasian tribe, XIV. 475.
- UDOLPHO, Mysteries of, Mrs Radcliffe's novel, XX. 211.
- UDOMETER, rain gauge, XX. 256.
- UEA, island, South Pacific, xv. 30.
- UEBERWEG, Friedrich, German philosopher, XXIII. 716.
- UFA, government and town, Russia, XXIII. 717.
- , river, Russia, XXIV. 279.
- UFFIZI GALLERY, Florence, IX. 332; XXI. 446.
- UGANDA, country, Central Africa, XXIII. 717.
- UGERNUM (Beaucaire), Roman town, France, III. 467.
- UGINGO, lake island, Africa, XVII. 505.
- UGLITCH, town, Russia, XXIII. 718.
- UGRA, river, Russia, XXIV. 279.
- UGRIAN LANGUAGE, XXIV. 1; XVIII. 779; dictionaries of, VII. 188.
- UGRIANS, Ural-Altaic people, IX. 219; XIV. 59; XXI. 78.
- UGRIAN STRAIT, Nova Zembla, XVII. 604.
- UGRI BIELII, or Khazars (*q.v.*), XIV. 59.
- UGRO-SAMOYEDS, race of people, Siberia, XXII. 11.
- UGURS, or Ugurs (*q.v.*), XXIII. 659.
- UHLAND, Johann Ludwig, German poet, XXIII. 718; X. 543.
- UGURS, Turkish people, XXII. 11; XXIII. 659; XXIV. 1.
- UINTAH MOUNTAINS, U.S.A., XXIII. 796; XXIV. 19.
- UIST, North and South, islands, Scotland, XI. 607.
- UJE, district, Bornu, Central Africa, IV. 61.
- UJJI, town, Central Africa, XXIII. 719, 46; XXIV. 763.
- UJJAIN, town, India, XXIII. 719; XV. 346.
- UKERWE, lake island, Africa, XVII. 504.
- UKRAINE, district, Russia, XXIII. 719.
- SCHOOL, of poets, in Polish literature, XIX. 304.
- UKRAINIANS, or Little Russians, XXI. 78.
- UKRAYNA, district, Russia, XVII. 826.
- ULAI, river, Persia, XXII. 722.
- ULÇER, in pathology, XVIII. 366; of the stomach, XXII. 575; syphilitic, XXII. 686; vaccinal, XXIV. 26; treatment of ulceration, XXII. 683.
- ULDIN, Hunnic chief, XII. 381.
- ULDSHEITU KHAN, Mongol ruler, XVI. 742.
- ULEÅBORG, province, Finland, IX. 217.
- ULEMA, Moslem clergy, XXII. 660; XIX. 730; XXIII. 654.
- ULENBURGH, Saskia van, wife of Rembrandt, XX. 374.
- ULEX, genus of shrubs, IX. 851.
- ULEXITE, mineral, XVI. 396.
- ULFILAS, or Ulfila, bishop of the Goths, XXIII. 719; X. 849, 852; his modifications of the Greek alphabet, I. 613.
- ULLAGE, in gauging, XVI. 28.
- ULLMANNITE, mineral, XVI. 391.
- ULLOA, Alonso de, on oppression of the Indians, I. 709.
- ULLSWATER, Lake, England, VI. 699; XXIV. 513.
- ULM, town, Württemberg, XXIII. 720; wood-carving in cathedral, XXIV. 649; capitulation of (1805), III. 132; XVII. 209.
- ULMUS, genus of trees, VIII. 151.
- ULPIANUS, Domitius (Ulpian), Roman jurist, XXIII. 721; XIII. 793; his life-annuity table, II. 79.
- ULRICA ELEONORE, queen of Sweden, XXII. 751.
- ULRICH I., duke of Württemberg, XXIV. 702.
- ULRICI, Hermann, German philosopher, XXIII. 721; on the categories, v. 225.
- ULSTER, province, Ireland, XIII. 215; early Scotie conquest of, XIII. 246; plantation of, XIII. 266; land custom in, XIV. 276.
- , Annals of, Irish chronicle, v. 307.
- KING-AT-ARMS, XI. 688.
- ULTRAMARINE, pigment, XXIII. 721; XIV. 300; XIX. 87.
- ULTRAMONTANISM, Roman Catholic movement, VI. 241; XVII. 754.
- ULUA, river, Honduras, XII. 130.
- ULUGH BEG, Mirza Mohammed ben Shah Rok, Persian astronomer, XXIII. 722; II. 751; XVIII. 632; his tables of Eastern geography, X. 178.
- ULU-KEM, river, Mongolia, XXII. 5.
- ULVERSTON, town, England, XXIII. 722.
- ULVÖ, island, Norway, XIV. 769.
- ULWAR (Alwar), state, India, I. 649; XX. 260.
- ULYSSES, in Greek legend, XVII. 729.
- ULYSSIPPO, ancient name of Lisbon, XIV. 693.
- UMAN, town, Russia, XXIII. 722.
- UMARKOT, town, India, XXIII. 221.
- UMATILLA, river, Oregon, U.S.A., XVII. 822.
- UMAYO, Lake, Peru, XVIII. 673.
- UMBALLA, or Umballah (Ambala), division, district, and town, India, I. 655; XX. 109.
- UMBELLIFERONE, crystalline product of sumbal, XXII. 641.
- UMBER, mineral and pigment, XVI. 425; XIX. 88.
- UMBILICAL VESICLE, of mammals, xv. 369.
- UMBILICANIMI, sect of Greek Church, XI. 782.
- UMBRELLA, XXIII. 722; earliest use of, in England, XI. 453.
- , genus of Mollusca, XVI. 655.
- UMBRELLA-TREE, xv. 283.
- UMBRIA, district, Italy, XXIII. 723; XIII. 496; its school of painting, XXI. 435, 442.
- UMBRIAN DIALECT, of Latin, XX. 661.
- UMBRIANS, ancient Italian people, XIII. 444; XXIII. 723.
- UMBRO-SABELLIAN LANGUAGE, XIV. 327.
- UMGENI, river, Natal, Africa, XVII. 240.
- UMIAK, Eskimo boat, VIII. 545.
- UMILIATI, trading fraternity, in Milan, XVI. 292.
- UM KEIS, village, Syria, X. 4.
- UMKOMANZI, river, Natal, Africa, XVII. 240.
- UMMERAPOORA (Amarapura), town, Burmah, I. 653; III. 144.
- UMM RABI, river, Morocco, XVI. 832.
- UMPQUA, river, Oregon, U.S.A., XVII. 822.
- UMRITSIR, or Umritzur (Amritsar), district and town, India, I. 777; XX. 109, 110.
- UMZIMKULU, river, Natal, Africa, XVII. 240.
- UNANUE, Hipolito, Peruvian physicist, XVIII. 675.
- UNAO, district, India, XXIII. 724.
- UNAU, sloth of Brazil, XXII. 162.
- UNCIAL WRITING, Greek, XVIII. 145; Latin, XVIII. 152.
- UNCOMPAHGRE MOUNTAINS, U.S.A., XXIII. 796.
- UNCONDITIONED, Philosophy of the, Hamilton's, XI. 418.
- UNCTION, Extreme, sacrament, Church of Rome, VIII. 813.
- UNDERCLIFF, town, Isle of Wight, England, XXIV. 562.
- UNDERGROUND RAILWAYS, XX. 239.
- UNDERSTANDING, distinction between it and sense, XX. 75; Jacobi's theory of, XIII. 537.
- , Essay on the Human, Locke's, XIV. 756, 757.
- , Treatise on the Human, Hume's, XII. 351.
- UNDERWRITERS, marine insurers, XIII. 184; at Lloyd's, XIV. 741.
- UNDINE, Fouqué's book, IX. 487.
- UNDULATORY THEORY, of light, XIV. 603; XXIV. 421.

- UNEARNED INCREMENT, in economics, XIV. 267.
- UNGARAN, town, Java, XIII. 606.
- UNGRUND, in Boehme's philosophy, III. 853.
- UNGUENTS, or Lubricants, in mechanics, XV. 34, 765.
- UNGULATA, order of Mammalia, XV. 421; sense of touch in, XXIII. 479.
- UNGVAR, town, Hungary, XXIII. 724.
- UNI, Etruscan goddess, XIII. 778.
- UNICORN, fabulous animal, XXIII. 725.
- , in heraldry, XI. 702.
- , Sea, cetacean mammal, XV. 398; XVII. 235.
- UNIFICATION, of moneys, XVI. 734.
- UNIFORMITY, Acts of, English, XIX. 690; XXIII. 199.
- UNIFORMS, Naval and Military, VI. 477; of British navy, XVII. 295.
- UNIGENITUS, papal bull (1713), V. 822; XIX. 507.
- UNIMAK, volcano and island, Aleutian group, I. 444, 480.
- UNIO, genus of molluscs, XVII. 110.
- UNION JACK, British flag, IX. 278.
- UNION OF CROWNS, of England and Scotland, XXI. 509.
- UNION OF PARLIAMENTS, England and Scotland, XVIII. 308; XXI. 518; Paterson's advocacy of, XVIII. 360; Great Britain and Ireland, XIII. 271; XVIII. 308.
- UNIONS, Poor Law, XIX. 472.
- UNISON, of sounds, I. 108; in music, XVII. 78.
- UNIT, Standard, of value, in currency, XVI. 730. See Units.
- UNITARIANISM, religious system, XXIII. 725; XIII. 671; theism of, XXIII. 249.
- UNITAS FRATRUM, or Moravian Brethren (*q.v.*), XVI. 811.
- UNITED BRETHERN IN CHRIST, American sect, XXIII. 726; XVI. 192.
- UNITED BULGARIANS, in Church of Rome, XX. 631.
- UNITED EVANGELICAL CHURCH, Germany, X. 469; XV. 86.
- UNITED IRISHMEN, Insurrection of, XIII. 271.
- UNITED KINGDOM, The, of Great Britain and Ireland, XXIII. 727; XI. 79.
- UNITED METHODIST FREE CHURCHES, XVI. 192.
- UNITED NEW NETHERLAND COMPANY, XVII. 454.
- UNITED PRESBYTERIAN CHURCH, in Scotland, XXIII. 727; VIII. 528; IX. 746.
- UNITED PROVINCES, of the Netherlands, XII. 77, 80.
- UNITED SECESSION CHURCH, Scotland, XXIII. 727.
- UNITED STATES, of America, XXIII. 729 (index, 829); I. 711; attitude of Chatham towards, XIX. 136; civil war (1861-65), XIV. 659; Declaration of Independence, XIII. 614; architecture, II. 453; army, II. 619; banking, III. 339; birds, III. 750; XVIII. 16; establishments for the blind, III. 830; census-taking, V. 338; Presbyterian Church, XIX. 697; Protestant Episcopal Church, VIII. 493; citizenship, I. 576; coalfields, VI. 60; proportion of coloured people, XVII. 320; cotton manufactures, VI. 506; cotton supply, VI. 485; fisheries, IX. 267; forests, IX. 405; gold, X. 743; government, IX. 62; XI. 14; immigration statistics, VIII. 177; Indian tribes, XII. 830; Jews, XIII. 687; land laws, XIV. 265; libraries, XIV. 534, 550; literature, I. 718; mines, XVI. 469; municipalities, XVII. 31; navy, XVII. 300; newspapers, XVII. 433; observatories, XVII. 715; oysterculture, XVIII. 107, 109; periodical literature, XVIII. 544; police system, XIX. 341; post-office, XIX. 578; prison system, XIX. 763; railways, XX. 253; slavery, XXII. 141; statutes, XXII. 471; tobacco culture, XXIII. 424; universities, XXIII. 857; weights and measures, XXIV. 491; wine industry, XXIV. 611.
- UNITS, in physics, VII. 241, 582; electro-magnetic, XXIII. 116; of measurement, XV. 668; of value, in currency, XVI. 730; for weights and measures, XXIV. 478, 483.
- UNITY, in philosophy, XVI. 81; XVIII. 793; conception of, in psychology, XX. 79; intuition of unity and complexity, in psychology, XX. 56.
- UNIVERSALISM, theological doctrine, VIII. 538.
- UNIVERSALIST CHURCH, XXIII. 831.
- UNIVERSAL METHOD, Adanson's biological classification, I. 144.
- UNIVERSALS, in scholastic logic, XXI. 418; Albertus on, I. 454.
- UNIVERSE, Elements of, according to ancients, V. 459.
- , The sidereal, Theories of, II. 821; Herschel's, XI. 797; XVII. 311; Kant's, XIII. 847; Kepler's, XIV. 47.
- UNIVERSITIES, XXIII. 831 (index, 858); distinction between, and colleges, VI. 143; precedence of officers of, XIX. 668; English, origin and establishment of, VIII. 304, 317; European, VIII. 711; German, X. 471.
- UNIVERSITY COLLEGE, London, XIV. 835.
- UNIVERSITY COLLEGE, Oxford, XVIII. 97.
- UNIVERSITY EXAMINATIONS, VIII. 778.
- UNKIAR SKELESSI, Treaty of (1833), XXIII. 650.
- UNLAWFUL ASSEMBLY, in law, XX. 564.
- UNLEAVENED BREAD, Feast of, Jewish, XVIII. 343.
- UNMANZ, German islet, Baltic Sea, XXI. 56.
- UNREASON, Abbot of, V. 704.
- UNSOUNDNESS OF MIND, in medical jurisprudence, XV. 780. See also Insanity.
- UNST, island, Shetland, Scotland, XVII. 846.
- UNTER DEN LINDEN, street, Berlin, III. 594.
- UNTERWALDEN, canton, Switzerland, XXIII. 858; XXII. 781.
- UNWIN, Mrs, friend of Cowper, VI. 534.
- UNYAMA, affluent of Nile, Africa, XVII. 506.
- UNYORO, kingdom, Central Africa, XXIII. 859.
- UNZHA, river, Russia, XXIV. 279.
- UPANISHADS, Hindu philosophical writings, IV. 201; XXI. 273, 280; XXIV. 117.
- UPAS, fabled poison tree, XXIII. 859.
- UPERNIVIK, district, Greenland, XI. 171.
- UPHOLSTERY, IX. 847.
- UPLAND, Jak, Lollard verses of, XIV. 811.
- UPOLU, island, South Pacific, XVII. 279.
- UPPER SIND FRONTIER, district, India, XXIII. 859.
- UPRAUDA, original name of emperor Justinian I., XIII. 792.
- UPSALA, town, Sweden, XXIII. 860; XXII. 744; assembly of (1593), XXII. 748; barrow at Kings' Hows, III. 398; library, XIV. 532; observatory, XVII. 714; university, XXIII. 842, 850; county, XXII. 741.
- UPSAROKAS, American-Indian tribe, XII. 832.
- UPUPA, genus of birds, XII. 154.
- UR, ancient town, Chaldea, III. 185.
- URAL, river, Russia, XXI. 74.
- URAL-ALTAIC LANGUAGES, XXIV. 1; XVIII. 779; dictionaries of, VII. 192.
- URAL MOUNTAINS, Russia, XXIV. 3; XVIII. 549; gold-mines of, X. 743.
- URALSK, province, Russia, XXIV. 6; town, XXIV. 7.
- URAN, town, India, XXIII. 221.
- URANIA, epithet of Aphrodite, II. 171.
- , Muse of astronomy, XVII. 74.
- URANIENBORG, Denmark, Observatory of, XXII. 737.
- URANINITE, mineral, XVI. 386.
- URANISTES, in French literature, IX. 657.
- URANITE, mineral, XVI. 407.
- URANIUM, metal, XXIV. 7; chemistry of, V. 542.
- URANOCIRCITE, mineral, XVI. 407.
- URANOMETRIA, classification of magnitudes of stars, XVIII. 840.
- URANOPHANE, mineral, XVI. 425.
- URANOSPINITE, mineral, XVI. 407.

- URANOTANTALITE, mineral, XVI. 427.
 URANOTILE, mineral, XVI. 425.
 URANUS, in Greek mythology, XXIV. 7; XVII. 155; XXI. 320.
 —, planet, II. 782, 812; discovery of, by Sir W. Herschel, II. 758; XI. 767; as affected by tidal friction, XXIII. 380.
 URAO, mineral, XVI. 399.
 URASINUS, or Ursinus, antipope, VI. 793.
 URATIC DIATHESIS, in pathology, XVIII. 388.
 URA-TUBE, town, Syr-Daria, Asia, XXII. 821.
 URBAN I., St, pope, XXIV. 8.
 — II., pope, XXIV. 8; IX. 537; XIX. 499; his dispute with William II. of England, II. 91; his speech on the crusades, VI. 623.
 — III., pope, XXIV. 8.
 — IV., pope, XXIV. 8; XIII. 475; XX. 797.
 — V., pope, XXIV. 8; XX. 802.
 — VI., pope, XXIV. 8; IX. 548; XIX. 502; XX. 803.
 — VII., pope, XXIV. 9.
 — VIII., pope, XXIV. 9; IX. 568, 572; XIII. 483; XIX. 506, 809.
 URBANA, town, Ohio, U.S.A., XXIV. 9.
 URBAN COLLEGE, or Propaganda, Rome, XIX. 809.
 URBIBENTUM (Orvieto), ancient town, Italy, XVIII. 53.
 URBINO, town, Italy, XXIV. 9; XX. 274; majolica ware of, XIX. 627.
 —, Duke of, patron of Tasso, XXIII. 76.
 URBS VETUS (Orvieto), ancient town, Italy, XVIII. 53.
 URCHARD, or Urquhart, Sir Thomas, Scottish writer, XXIV. 12.
 URCHIN, or Hedgehog, XI. 610.
 URDU LANGUAGE, India, XI. 840, 847.
 UREA, component of urine, XXIV. 10; V. 578; XVII. 516, 683.
 UREDINEÆ, suborder of Fungi, IX. 831; parasitic forms, XVIII. 267.
 UREIDS, nitrogenous carbon compounds, XVII. 519.
 URENGA MOUNTAINS, Russia, XXIV. 4.
 URES, town, Mexico, XVI. 214.
 URFA (Edessa), town, Turkey in Asia, VII. 652.
 URFÉ, Honoré d', French pastoral poet, XVIII. 346; XX. 659.
 URGa, town, Mongolia, XXIV. 11.
 URGANJ, town, Central Asia, XIV. 62; XVI. 747; XVIII. 105.
 URGEL, Bishops of, rulers of Andorre, II. 18.
 URGENTCH, or Urganj, ancient kingdom, Turkestan, XIV. 62; town, XIV. 62; XVI. 747; XVIII. 105.
 —, New, town, Khiva, XIV. 64.
 URGINEA, genus of plants, XXII. 437.
 URI, canton, Switzerland, XXIV. 11; XXII. 781, 785; XXIII. 155.
 —, Bay of, Lake of Lucerne, Switzerland, XV. 41.
 URIA, genus of birds, XI. 262.
 URIAGE, spa, France, XVI. 435.
 URIC ACID, XXIV. 11; its presence in gout, XVIII. 388.
 URICONIUM (Wroxeter), Roman town, England, XXI. 848.
 URINARY DISEASES, XXIV. 189.
 URINARY ORGANS, of Amphibia, I. 766; of birds, III. 727; of fishes, XII. 659; of mammals, XV. 366; of reptiles, XX. 462.
 URINE, XVII. 683; ammonia from, XVII. 516; chemical properties of, XXIV. 10, 11.
 URMANS, Siberian marsh forests, XXIII. 429.
 URMIA, or Urumiah, town, Persia, XXIV. 12; XVII. 357; XVIII. 626, 628.
 —, Lake, Persia, XXIV. 12; III. 168; XVIII. 626.
 URN, Cinerary, XIX. 602, 623.
 URNATELLA, genus of Polyzoa, XIX. 438.
 URNBURIAL, Sir Thomas Browne's book, IV. 389.
 URNERSPIEL, play based on story of Tell, XXIII. 155.
 UROCHORDA, division of Vertebrata, XXIV. 181, 186.
 URODELA, group of Amphibia, I. 751.
 UROMASTYX, genus of lizards, XIV. 737.
 UROMYS, genus of rodent mammals, XVII. 6.
 UROPELIDÆ, family of snakes, XXII. 192.
 UROSH, king of Servia, XXI. 688.
 URQUHART, Sir Thomas, Scottish writer, XXIV. 12.
 URQUIZA, Justo José de, general of Argentine Republic, II. 491.
 URRACA, queen of Castile, XIX. 540; XXII. 316.
 URSIDÆ, family of carnivorous mammals, XV. 441.
 URSINUS, antipope, VI. 793.
 —, Benjamin, German logarithmist, XIV. 774.
 —, Zacharias, German theologian, XXIV. 13.
 URSO (Osuna), ancient town, Spain, XVIII. 63.
 URSON, rodent mammal, XV. 420.
 URSULA, St, virgin and martyr, XXIV. 13.
 URSULINES, religious order, XXIV. 14; XVI. 712.
 URTICA, genus of plants, XVII. 360.
 URTICARIA, skin disease, XVII. 360; XXII. 122.
 URUGUAY, republic, South America, XXIV. 14; forests, IX. 406; newspapers, XVII. 437.
 —, affluent of River Plate, South America, XIX. 188; XXIV. 14.
 URUMIAH, or Urumiyah, town, Persia, XXIV. 12; XVII. 537; XVIII. 626, 628.
 —, Lake, Persia, XXIV. 12; III. 168; XVIII. 626.
 URUP, one of the Kurile Islands, Asia, XIV. 160.
 URUS, primitive species of cattle, V. 245.
 —, Peruvian tribe, XVIII. 676.
 URUSHI, Japanese tree, XIII. 590.
 URUSITE, mineral, XVI. 402.
 URZHUM, town, Russia, XXIV. 303.
 USBEGS, or Uzbegs (*q.v.*), Turkish people, XXIII. 661.
 USBOI, valley, Transcaspiian Region, Russia, XXIII. 512.
 USCHBA, mountain, Caucasus, V. 253.
 USCOCCHI, Mediterranean pirates, XIII. 484.
 USE, in English law, XXIII. 596.
 USEDOM, island, Baltic Sea, XIX. 442.
 USEMBA, territory, Central Africa, V. 281.
 USHANT, island, France, XXIV. 16.
 USHER, or Ussher, James, archbishop of Armagh, XXIV. 16; his scheme of Presbyterian government, XIX. 689.
 USHIWAYA, mission station, Tierra del Fuego, XXIII. 384.
 USK, river, England and Wales, IV. 243; XVI. 753.
 USKUDAR (Scutari), town, Turkey in Asia, XXI. 573.
 USKUP, or Uskiub, town, Turkey, XXIV. 17; XV. 137.
 USMAITEN, lake, Russia, VI. 515.
 USMAN, town, Russia, XXIII. 41.
 USOLIE SALTWORKS, Russia, XVIII. 550; XXII. 11.
 USSES, river, France, XX. 528.
 USTARIZ, Geronimo, Spanish economist, XIX. 363.
 USTERI, Johann Martin, Swiss poet, XXII. 798.
 USTILAGINEÆ, suborder of Fungi, IX. 831; parasitic forms, XVIII. 267.
 USTRIALOFF, Russian historian, XXI. 108.
 UST-SAMARA, Cossack fortress, Russia, XVII. 609.
 UST-SYSOLSK, town, Russia, XXIV. 283.
 UST-URT, desert, Transcaspiian Region, Russia, V. 177; XXIII. 512, 631.
 USTYUG VELIKIY, town, Russia, XXIV. 283.
 USTYUZHNA, town, Russia, XVII. 607.
 USUCAPIO, in Roman law, XIX. 704; XX. 690, 692.
 USUFRUCT, in Roman law, XX. 690.
 USUGURU, lake island, Africa, XVII. 505.
 USUMACINTA, river, Guatemala, XI. 239.
 USURI, river, Manchuria and Eastern Siberia, XV. 466, 548.
 USURY, XXIV. 17.
 USUS, in Roman law, XXIII. 595.
 UTAH, Territory, U.S.A., XXIV. 19;

mines of, XXIII. 815; Mormon settlement of, XVI. 827.
 UTAKAMAND, town, India, XVII. 509.
 UTE, genus of sponges, XXII. 414.
 UTEN, Egyptian measure, XXIV. 485, 486.
 UTERINE APPENDAGES, Removal of, in surgery, XXII. 691.
 UTES, American-Indian tribe, XII. 832.
 UTHONG, Siamese ruler, XXI. 854.
 UTICA, ancient town, Africa, XXIV. 21; XIV. 551.
 —, town, New York, U.S.A., XXIV. 21.
 UTILITARIANISM, ethical theory, VIII. 606; as the foundation of law, XIV. 355; Bentham's, III. 576; Cumberland's, VI. 702; John Stuart Mill's, XVI. 313.
 UTILITY, in economics, XXIV. 46; wealth defined as based on, XXIV. 461.
 —, not an essential in the fine arts, IX. 197, 211.
 UT MINE STROMTID, Reuter's novel, XX. 495.
 UTOPIA, Sir Thomas More's work, VI. 212; XVI. 819.
 UTRECHT, province, Holland, XXIV. 21.
 —, town, Holland, XXIV. 21; congress of (1712), VI. 270; peace of (1713), III. 126, 269; VIII. 353; IX. 583; XII. 81; XXII. 336; union of (1579), XII. 77; XXIV. 583; libraries, XIV. 532; observatory, XVII. 715; university, XXIII. 850.
 UTRERA, town, Spain, XXIV. 22; XXI. 708.
 UTRICULARIA, genus of insectivorous plants, XIII. 138.
 U-TSANG, region, Tibet, XXIII. 340.
 UTTARAMIMANSA, system of Hindu philosophy, XXIV. 117.
 UTVÆR, island, Norway, XVII. 576.
 UVEA, island, South Pacific, XV. 30.
 UVULA, Anatomy of the, I. 837.
 UXBRIDGE, town, England, XXIV. 22.
 —, Earl of, at Waterloo, II. 31.
 UXMAL, ancient town, Central America, XXIV. 758; ruins at, I. 693; XVI. 214.
 UYUK (Euyuk), village and ruins, Turkey in Asia, VIII. 724.
 UZ, of Scripture, XXIV. 22.
 UZBEGS, or Uzbeks, Ural-Altaic people, XXIII. 661; IV. 1; IX. 85; XII. 3; XIV. 64; XVI. 749; XVIII. 101; XXIII. 636; origin of the name, XII. 607.
 UZBEK KHAN, Mongol ruler, XVI. 747; XII. 607.
 UZEN, river, Russia, XXI. 74.
 UZUN HASAN, shah of Persia, XVIII. 632.

V the twenty-second letter of the alphabet, XXIV. 23.
 VAAGÖ, islands, Norway, XIV. 769.
 VAAL, river, South Africa, XXIII. 517.
 VACCINAL ULCER, XXIV. 26.

VACCINATION, XXIV. 23; XXII. 164; discovery of, XIII. 623; laws relating to, XV. 797.
 VACCINIUM, genus of plants, XXIV. 556.
 VACOA, or Vacois, tree of Mauritius, XV. 641.
 VACUUM, Production of, XIX. 246; I. 429; electrical test of, XIX. 247; Torricellian, III. 381.
 VACZ, town, Hungary, XXIV. 30.
 VADER ISLANDS, Sweden, XXII. 737.
 VADUZ, lordship and town, Germany, XIV. 568.
 VAGA, Perino del (Perino Buonaccorsi), Italian painter, XXIV. 30.
 VAGABONDS, Laws relating to, I. 298; XIX. 463, 468.
 VAGARSHAPAD, town, Transcaucasia, Russia, XXIII. 515.
 VAGRANCY, in English law, XIX. 463, 468; I. 298.
 VAGUS, in nervous system, XIX. 29.
 VAIGATCH ISLAND, Arctic Ocean, XVII. 604.
 VAILLANT, François Le, on birds, XVIII. 8, 11.
 VAIR, in heraldry, XI. 691.
 —, Guillaume du, French jurist and writer, XXIV. 31.
 VAISE, suburb of Lyons, France, XV. 110.
 VAISHNAVAS, or Bhagats, their teaching, and influence on Hindi literature, XI. 844.
 VAISON, town, France, XXIV. 114.
 VAISYARS, or Vaisyas, Hindu caste, IV. 203, 204; V. 188; XII. 746.
 VAKHSH, river, Central Asia, XII. 3.
 VALABHIS, Indian dynasty, XII. 790.
 VALACHIANS, Walachians, or Vlachs, people, South-Eastern Europe, XXI. 16; XXIV. 268.
 VALAIS, canton, Switzerland, XXIV. 31; XXII. 785.
 VALAMO, monastery, Finland, XXIV. 209.
 VALBENOITE, Abbey of, at St Étienne, France, XXI. 168.
 VALCKENAER, L. G., Dutch scholar, XXI. 57.
 VALDAI, town, Russia, XVII. 607.
 VALDEMAR II., king of Denmark, VII. 84.
 — III., of Denmark, VII. 85; XI. 450.
 VALDENSES, or Waldenses (*q.v.*), religious sect, XXIV. 322.
 VALDEPEÑAS, town, Spain, XXIV. 32; wine of, XXIV. 607.
 VALDERREDIBLE, town, Spain, XXI. 297.
 VAL DE RUZ, valley, Switzerland, XVII. 361.
 VALDES, inquisitor-general, his rules for torture, XXIII. 463.
 —, Juan de, Spanish religious writer, XXIV. 32; XXII. 360, 361.

VALDESSO (Juan de Valdes), Spanish religious writer, XXIV. 32; XXII. 360.
 VAL DE TRAVERS, valley, Switzerland, XVII. 361; asphalt of, for paving, II. 716; XX. 586.
 VALDEZ, or Waldo, Peter, founder of the Waldenses, XXIV. 323.
 VALDIVIA, province, Chili, v. 617.
 VALÉE, Silvain Charles, Comte de, French general, I. 568.
 VALENCE, town, France, XXIV. 33; university, XXIII. 842.
 VALENCIA, province, Spain, XXIV. 33; XXII. 298.
 —, town, Spain, XXIV. 33; libraries of, XIV. 549.
 —, town, Venezuela, XXIV. 34.
 VALENCIENNES, town, France, XXIV. 35.
 —, A., French ichthyologist, XII. 633.
 VALENCINIA, genus of worms, XVII. 326.
 VALENCY, or Combining Power, of chemical elements, v. 473.
 VALENS, emperor of the East, XXIV. 35; XX. 779.
 VALENTIA, Roman province, Britain, XVIII. 411.
 — (Valencia), ancient town, Spain, XXIV. 34.
 — COLONIA JULIA (Valence), ancient town, France, XXIV. 33.
 VALENTINE, St, XXIV. 36.
 —, George Sand's, VII. 509.
 — AND ORSON, romance, XX. 653, 659.
 VALENTINEITE, mineral, XVI. 388.
 VALENTINI, Michael B., on birds, XVIII. 7.
 VALENTINIAN I., emperor of the West, XXIV. 36; XX. 779.
 — II., emperor of the West, XXIV. 36; XX. 779; his contentions with Ambrose, I. 663.
 — III., emperor of the West, XXIV. 37; XX. 780; edict or decree of, XIV. 448; XIX. 492.
 — LAW OF CITATIONS, in Roman law, XX. 711.
 VALENTINIANS, ancient theological school, XXIV. 38; XIX. 415.
 VALENTINUS, St, XXIV. 36.
 —, pope, XXIV. 40.
 —, early Christian theologian, XXIV. 37; X. 703; his influence on Neoplatonism, XVII. 335.
 VALERA, Juan, Spanish novelist, XXII. 362.
 VALERIA, Roman province, Pannonia, XVIII. 213.
 VALERIAN, plant, XXIV. 40.
 — LAW, Roman, XX. 736.
 VALERIANUS, Publius Licinius (Valerian), Roman emperor, XXIV. 41; in Mesopotamia, XVIII. 608.
 VALÉRIE, Madame Krüdener's work, XIV. 149.

- VALERIO-HORATIAN LAW, Roman, XX. 737.
- VALERIUS, Lockhart's novel, XIV. 763.
- , Publius, Roman consul, XXIV. 41.
- , ANTIAS, Roman historian, XIV. 729.
- , DIOCLETIANUS, or Diocletian (*q.v.*), Roman emperor, VII. 244.
- , FLACCUS, Caius, Roman poet, IX. 274; XX. 726.
- , MAXIMUS, Latin writer, XXIV. 41.
- VAL-ÈS-DUNES, Battle of (1047), XVII. 543.
- VALETTA, town, Malta, XXIV. 42; XV. 340; siege of (1565), XXI. 174.
- VALETTE, John La, grand-master of Knights Hospitallers, XXI. 174.
- VALI, Turkish governor, XXIII. 654.
- VALKI, town, Russia, XIV. 57.
- VALLA, George, his *De Expetendis et Fugiendis Rebus*, VIII. 193.
- , Lorenzo or Laurentius, Italian scholar, XXIV. 42; XX. 323.
- VALLADOLID, province, Spain, XXIV. 42.
- , town, Spain, XXIV. 43; university, XXIII. 839, 851.
- , (Morelia), town, Michoacan de Ocampo, Mexico, XVI. 820.
- , town, Yucatan, Mexico, XXIV. 43, 758.
- VALLANDIGHAM, Clement L., political agitator, U.S.A., XIV. 661.
- VALLE, Pietro della, Italian traveller, XXIV. 43.
- , CRUCIS, abbey, Wales, XIV. 741.
- , DE PIELAGOS, town, Spain, XXI. 297.
- VALLEJO, town, California, U.S.A., XXIV. 44.
- VALLETTA, town, Malta, XXIV. 42; XV. 340; siege of (1565), XXI. 174.
- VAL LEVENTINA, district, Switzerland, XXII. 785; XXIII. 351.
- VALLEY FIELD, town, Canada, XX. 167.
- VALLEY FORGE, U.S.A., Washington's strategic position at, XXIV. 389.
- VALLEY OF DEATH, Asia Minor, XXIV. 399.
- VALLOMBROSA, Order of, monastic society, XVI. 708.
- VALLS, town, Spain, XXIV. 44.
- VALMIKI, Brahman poet, XXI. 280.
- VALMY, Duke of (Kellermann), French marshal, XIV. 29.
- VALOIS, House of, French dynasty, IX. 545; its connexion with Capet family, V. 55.
- , Adrian de, French historiographer, I. 784.
- , Félix de, abbot of Trinitarians, XXIII. 574.
- VALONA (Avlona), town, Albania, III. 157.
- VALONIA, tanning material, XI. 88; XIV. 382; XVII. 694.
- VALPARAISO, town, Chili, XXIV. 44; province, V. 617.
- VALPY, A. J., his editions of the classics, III. 657.
- VALRHEIN, mountain, Switzerland, I. 621; XXIII. 351.
- VALS, spa, France, XXIV. 45; XVI. 435.
- VALSALVA, Antonio Maria, Italian anatomist, I. 813; XV. 815.
- VALSERINE, river, France, XX. 528.
- VALS-LES-BAINS, spa, France, XXIV. 45; XVI. 435.
- VALTELLINA, district, North Italy, XXIV. 45; XXII. 791, 794.
- VALUE, in economics, XXIV. 45; in relation to wealth, XXIV. 461; socialistic views of, XXII. 211; Marx on, XXII. 211. See also article Political Economy.
- VALUIKI, town, Russia, XXIV. 298.
- VALVATA, genus of snails, XXII. 188.
- VALVES, VALVE-MOTIONS, in steam-engine, XXII. 501.
- , of the heart, I. 900; XXIV. 98; of the veins, I. 905; XXIV. 103.
- VALVULAR DISEASE, of the heart, XI. 553.
- VAMÇAVALI, Nepalese chronicle, XVII. 344.
- VAMPIRE, bat, XXIV. 52; III. 432; VII. 62; XV. 415; sense of touch in, XXIII. 479.
- VAMPYRELLA, genus of Protozoa, XIX. 839.
- VAN, town, Asiatic Turkey, XXIV. 53; province, XXIII. 653.
- , Lake, Asiatic Turkey, XXIV. 53; XIV. 222; XXIII. 654.
- VANADINE BRONZITE, mineral, XVI. 416.
- VANADINITE, mineral, XVI. 407.
- VANADIUM, chemical element, XXIV. 54; V. 539; in iron, XIII. 284.
- VAN ALPHEN, Hieronymus, Dutch writer, XII. 97.
- VANBRUGH, Sir John, English dramatist and architect, XXIV. 54; II. 443; VII. 436.
- VAN BUREN, Martin, president of the United States, XXIV. 56; XIII. 766.
- VANCOUVER, George, English navigator, XXIV. 56; X. 190.
- , ISLAND, British Columbia, XXIV. 57; its mineral wealth, VI. 169.
- VAN CUELEN, Ludolph, mathematician, XXII. 434.
- VANDALS, Teutonic people, XXIV. 58; XX. 780; in Spain, XXII. 308.
- VANDALUS (Vistula), river, Russian Poland, XIX. 307.
- VAN DEN BOSCH, Johannes, governor of Dutch East Indies, XII. 820; XIII. 604.
- VAN DEN ENDE, Franz, Dutch physician and teacher, XXII. 400.
- VANDERBILT UNIVERSITY, at Nashville, Tennessee, U.S.A., XVII. 236.
- VAN DER GOES, Hugo, Flemish painter, X. 721.
- VAN DER GOES, Jan, Dutch poet, II. 138; XII. 95.
- VAN DER HELST, Bartholomæus, Dutch painter, XI. 641.
- VAN DER HEYDEN, Jan, Dutch painter, XI. 784.
- VAN DER MEER, Jan, Dutch painter XV. 824.
- VAN DER PALM, Johannes Henricus, Dutch historian, XII. 97.
- VAN DER WEYDEN, Roger (*c.* 1400–64), Flemish painter, XXI. 439, 443; his connexion with Memling, XV. 846.
- VAN DER WEYDEN, Roger (1450–1529), Flemish painter, XXI. 439, 443.
- VANDEVELDE, Adrian, Dutch painter, XXIV. 59.
- , William, Dutch painter, XXIV. 59.
- VAN-DIEMEN'S-LAND, or Tasmania (*q.v.*), island, Australasia, XXIII. 72.
- VAN DYCK, Sir Anthony, Flemish painter, XXIV. 59.
- VANDYKE BROWN, pigment, XIX. 88.
- VANE, in architecture, II. 475.
- , Sir Henry, English Parliamentarian, XXIV. 65.
- VANELLUS, genus of birds, XIV. 308.
- VANESSA (Esther Vanhomrigh), friend of Dean Swift, XXII. 765; III. 590.
- VAN EYCK, Hubert, Flemish painter, VIII. 814.
- VAN EYCK, Jan, Flemish painter, VIII. 815; XXI. 438.
- VAN GOYEN, Jan Josephszoon, Dutch painter, XI. 23.
- VAN HAREN, Onno Zwier, Dutch poet, XII. 96.
- VAN HAREN, Willem, Dutch poet, XII. 96.
- VAN HELMONT, Jean Baptiste, Belgian mystic and alchemist, XI. 638; I. 467; V. 460; XV. 810.
- VANHOMRIGH, Esther, Dean Swift's Vanessa, XXII. 765; her bequest to Berkeley, III. 590.
- VANIKORO, island, Santa Cruz, Pacific, XVII. 395.
- VANILLA, spice, XXIV. 66.
- VANILLIN, principle in vanilla, V. 573; XXIV. 66; as perfume, XVIII. 526.
- VANINI, Lucilio, Italian pantheist, XXIV. 67.
- VANITY FAIR, Thackeray's novel, XXIII. 215.
- VANITY OF HUMAN WISHES, by Johnson, XIII. 723.
- VANLOO, Charles Andrew, Italian painter, XXIV. 68.
- , John Baptist, French painter, XXIV. 68.
- VAN MINE, Montgomeryshire, Wales, XVI. 453.
- VANNEO, Stefano, Italian musician, XVII. 84.
- VANNES, town, France, XXIV. 68.
- VAN NOORT, Adam, Flemish painter, XXI. 41.
- VANNUCCHI (Andrea del Sarto), Italian painter, XXI. 315.

- VANNUCCI, Pietro (Perugino), Italian painter, XVIII. 680.
- VAN NUYSSEN, Abraham Janssens, Flemish painter, XIII. 568.
- VANOZZA, Rosa, mistress of Rodrigo Borgia (Pope Alexander VI.), I. 487.
- VAN TILBORGH, Egidius, Flemish painter, XXIII. 175.
- VAN TWILLER, Wouter, director, New Netherland, America, XVII. 454.
- VANUA LEVU, one of the Fiji Islands, IX. 156.
- VAN VEEN, Heemskerck, Dutch painter, XI. 611.
- VAN VEEN, Otto, Flemish painter, XXI. 41.
- VAPINCUM (Gap), ancient town, France, X. 72.
- VAPOUR, laws of its formation, VIII. 727; limits of elasticity of, VII. 801; amount of aqueous, in atmosphere, III. 32; XVI. 138; instrument for measuring, XII. 569; Deville's dissociation experiments with, XXI. 166; as steam, XXII. 483; determination of vapour-density, V. 547; volcanic vapours, X. 241.
- BATHS, III. 440.
- VAPOURS, The, disease, XII. 598.
- VAR, department, France, XXIV. 68.
- VARANGIANS, Scandinavian guards, at Constantinople, XI. 116.
- VARASD, town, Austria, XXIV. 69; frontier generalate, XVI. 295.
- VARDANES, Parthian king, XVIII. 601.
- VARDAR, Iron Gate of the, pass, Macedonia, XV. 137.
- VARDHAMANA, leader of the Jains, India, XIII. 543.
- VAREN, Bernhard (Varenius), German geographer, XXIV. 69.
- VARIA, Sabine town, Italy, XXI. 129.
- VARIABLE, Complex, in mathematics, XXIV. 69.
- VARIATION, Magnetic, XV. 220.
- AND SELECTION, in biology, XXIV. 76, 818; I. 87; VIII. 750.
- VARIATIONS, Calculus of, XXIV. 85; Lagrange's contributions to, XIV. 207.
- VARICOSE VEINS, XXII. 684.
- VARIETY, Hamilton's Law of, in psychology, XX. 49.
- VARINA (Miss Waring), object of Dean Swift's attentions, XXII. 765.
- VARINUS of Camers, Italian scholar, XI. 238.
- VARIOLA, disease, XXII. 162.
- VARISCITE, mineral, XVI. 405.
- VARIUS AVITUS (Heliogabalus), Roman emperor, XI. 632.
- VARLEY, Cornelius, English painter, XXIV. 90.
- , John, English painter, XXIV. 90.
- VARLEY'S TELEGRAPHIC INSULATOR, XXIII. 114.
- VARNA, town, Bulgaria, XXIV. 90; battle of (1444), XIX. 289; XXIII. 642.
- VARNHAGEN VON ENSE, Karl August, German biographer, XXIV. 91.
- VARNISH, XXIV. 91; copal, VI. 342; Japanese, XIII. 590, 592; painter's, XVIII. 138; for violins, XXIV. 246.
- VÄRÖ, island, Norway, XIV. 769.
- VAROLI, Constantio, Italian anatomist, I. 809.
- VARRO, Marcus Terentius, Roman man of letters, XXIV. 92; XX. 719; his chronology of Rome, V. 710; his economic teaching, XIX. 350; his language and style, XIV. 334.
- , Publius Terentius, Roman poet, XXIV. 94.
- VARRONIANUS, Donaldson's work, VII. 357.
- VARTHEMA, Ludovico di, Italian traveller, X. 179.
- VARTRY, river, Ireland, XXIV. 557.
- VARUNA, Vedic god, IV. 208; XVI. 530.
- VARUS, P. Quintilius, Roman general, X. 475.
- VARVICITE, mineral, XVI. 387.
- VASA, Gustavus, king of Sweden, XI. 333; XXII. 747.
- , Duke Charles, regent of Sweden, XXII. 748.
- VASARHELY, Hodmezö, town, Hungary, XII. 41.
- , Maros, town, Transylvania, XV. 562.
- VASARI, Giorgio, Italian painter and writer on art, XXIV. 94.
- VASCO, Giambattista, Italian economist, XIX. 362.
- DA GAMA, Portuguese navigator, X. 57, 181; XII. 796; XIX. 545; doubling of Cape of Good Hope by, V. 44.
- VASCULAR SYSTEM, or Organs of Circulation, XXIV. 95; I. 899; XIX. 16; in Amphibia, I. 763; in birds, II. 726; in Crustacea, VI. 640; in fishes, XII. 658; in mammals, XV. 364; in reptiles, XX. 459.
- VASES, Ancient, XIX. 605, 608, 614; gold and silver, XIX. 178; painted, early Greek, II. 353, 359, 364; Corinthian, II. 348; Etruscan, VIII. 641, 644; Greek, designs on, VII. 448.
- VASHISHTHA, Brahmanic sage, XII. 782.
- VASILII IVANOVICH, sovereign of Russia, XXI. 91.
- VASILIKA, village, Greece, XXII. 32.
- VASILIKI, village, Santa Maura, Ionian Islands, XXI. 297.
- VASILKOFF, town, Russia, XXIV. 110.
- VASSAL, in feudal system, XIV. 114; tenure of land by, in England, XIV. 264.
- VASSAR COLLEGE, at Poughkeepsie, New York, U.S.A., XIX. 644.
- VASSEUR, Thérèse le, mistress of Rousseau, XXI. 24.
- VASTO, town, Italy, XXIV. 110.
- VAS-ARMEGYE (Eisenburg), county, Hungary, VII. 790.
- VATATZES, John III., emperor of Nicæa, XIII. 713.
- VATÉ, island, New Hebrides, XVII. 395.
- VATHY, town, Ithaca, Greece, XIII. 517.
- , town, Samos, Ægean Sea, XXI. 250.
- VATICAN COUNCIL, XXIV. 110.
- VATICAN LIBRARY, at Rome, XIV. 528, 548; Oriental MSS. of, II. 728.
- VATICAN PALACE, Rome, XX. 835; Raphael's paintings in, XX. 277.
- VATICANUS, Codex, MS. of New Testament, III. 646; XVIII. 147.
- VATKE, on the Pentateuch, XVIII. 508.
- VATOPEDE, convent on Mount Athos, Turkey, I. 11.
- VATTEL, Emer de, Swiss jurist, XXIV. 113; on the balance of power, III. 267.
- VATTELUUTU, Tamil alphabet, XXIII. 42.
- Vauban, Sebastien Le Prestre de, French marshal, XXIV. 113; as military engineer, IX. 578; on fortification, IX. 441, 444; as political economist, XIX. 359.
- VAUBERNIER, Marie Jeanne de (Madame Du Barry), mistress of Louis XV., VII. 494.
- VAUBOIS, Comte de, French general, his defence of Malta (1798), XV. 343.
- VAUCHAMPS, France, Battle of (1814), XVII. 221.
- VAUCLUSE, department, France, XXIV. 114.
- , Petrarch's retreat, XXIV. 114; XVIII. 707, 708.
- VAUD, canton, Switzerland, XXIV. 114; XXII. 793.
- , Pays de, district of mediæval Switzerland, XXIV. 115.
- VAUDEVILLE, variety of French drama, VII. 427; XVIII. 215.
- VAUDOIS, or Waldenses (*q.v.*), religious sect, XXIV. 323.
- VAUGHAN, Henry, Welsh poet, XXIV. 115.
- , Thomas, Welsh writer and alchemist, XXIV. 116.
- , Sir William, his Golden Fleece, I. 720.
- VAULT, in architecture, II. 426, 430.
- VAULTING, in gymnastics, XI. 35.
- , Groined, in architecture, II. 465.
- VAUQUELIN, Louis Nicolas, French chemist, XXIV. 116; on the composition of alum, I. 644; his patronage of Thénard, XXIII. 251.
- VAUQUELINITE, mineral, XVI. 403.
- VAUVENARGUES, Luc de Clapiers, Marquis de, French moralist, XXIV. 116; IX. 670.
- VAUX, Clotilde de, her relations with Comte, VI. 233.
- VAVAU, island, South Pacific, IX. 779.
- VAVAVATO, district, Madagascar, XV. 168.

- VAZIMBA, tribe, Madagascar, xv. 173.
 VAZOFF, Bulgarian poet, xxii. 150.
 VEAL, Mrs. Defoe's novel, vii. 28, 468.
 VECCELLI, Francesco, Italian painter, xxiii. 416.
 —, Gregorio, Italian councillor and soldier, xxiii. 414.
 —, Orazio, Italian painter, xxiii. 416.
 —, or Vecellio, Tiziano (Titian, *q.v.*), Italian painter, xxiii. 413.
 VECHT, river, Holland, xx. 519.
 VECTIS, Roman name for Isle of Wight, xxiv. 562.
 VEDANGAS, branches of Vedic (Hindu) science, xxi. 274.
 VEDANTA, Hindu philosophical writings, xxiv. 117; xxi. 290.
 VEDAS, Hindu sacred writings, ii. 698; iv. 201; xii. 779; xxi. 273; on caste, v. 188; Gnostic portion of, xxiv. 117; mythic stories of, xvii. 152.
 VEDDAHS, people of Ceylon, xxiv. 120.
 VEDEL, old Danish writer, vii. 90.
 VEDIANTII, Ligurian tribe, Italy, xiv. 640.
 VEEN, Heemskerk van, Dutch painter, xi. 611.
 —, Otto van, Flemish painter, xxi. 41.
 VEGA, Garcilaso de la, Spanish soldier and poet, x. 74; xviii. 346; xxii. 357.
 —, Garcilaso Inca de la, Spanish historian, x. 74.
 —, Georg von, Austrian logarithmist, xiv. 775; xxiii. 9.
 — CARPIO, Lope Felix de, Spanish dramatist and poet, xxiv. 121; vii. 420; xxii. 357, 358.
 VEGAS, irrigated plains, Spain, xxii. 299.
 VEGETABLE BATHS, iii. 439.
 VEGETABLE CREEK MINE, New South Wales, xvi. 471.
 VEGETABLE HISTOLOGY, xii. 10.
 VEGETABLE IVORY, xiii. 524; xvii. 664.
 VEGETABLE KINGDOM, xxiv. 124; iii. 690; iv. 79; Linnaeus's classification of, xiv. 672; longevity in, xiv. 857. See also Botany and Plant.
 VEGETABLE MARROW, gourd, xi. 4; xii. 283.
 VEGETABLE PARASITISM, xviii. 264.
 VEGETABLE PHYSIOLOGY, xix. 43.
 VEGETABLES, Garden, xii. 278; cultivation of, i. 384; poisonous, xv. 782.
 VEGETATION, Chemistry of, xiv. 567.
 — ZONES, in the Alps, i. 631.
 VEGETIUS, Flavius Renatus, Roman military writer, xxiv. 132.
 —, Publius, Roman veterinary surgeon, xxiv. 197.
 VEGLIA, island, Adriatic, xxiv. 132.
 VEHMGERICHTE (Fehmle Courts), Germany, ix. 63; x. 495.
 VEII, Etruscan town, Italy, viii. 634; capture of, by Romans, xx. 739.
 VEILE, town, Denmark, vii. 83.
 VEINS, in anatomy, i. 905; xxiv. 103, 107; diseases of, xxii. 684.
 —, in leaves, iv. 109.
 —, Mineral, x. 317; xvi. 441.
 VEITCH, James, Scottish mathematician and philosopher, iv. 276.
 VEJOVIS, name of Jupiter, xiii. 780.
 VELA, Blasco Nunez de, Peruvian viceroy, xviii. 677.
 VELABRUM, part of ancient Rome, xx. 824.
 VELASQUEZ, Diego, Spanish governor of Cuba, vi. 441.
 VELAZQUEZ, Diego de Silva, Spanish painter, xxiv. 132; as colourist, xviii. 139.
 VELDEKE, Heinrich von, German writer, x. 518, 523.
 VELED, Sultan, Ottoman poet, xxiii. 656.
 VELEIA, ancient town, Italy, xxiv. 136.
 VELEIKA, town, Russia, xxiv. 234.
 VELESA (Koprili), town, Turkey in Europe, xiv. 140.
 VELESLAVIN, Bohemian printer and writer, xxii. 152.
 VELEZ DE GUEVARA, Luiz, Spanish novelist, xi. 248; xxii. 358.
 VELEZ-MALAGA, town, Spain, xxiv. 136.
 VELIKAYA, river, Russia, xx. 35; xxi. 73.
 VELIKIYA LUKI, town, Russia, xx. 36.
 VELINO, Falls of, Perugia, Italy, xxiii. 190.
 —, Monte, mountain, Italy, xiii. 438.
 VELIZH, town, Russia, xxiv. 137.
 VELLEIUS PATERCULUS, Marcus, Roman historian, xviii. 358.
 VELLETRI, town, Italy, xxiv. 137.
 VELLIKONDA, district, Karnul, India, xiv. 6.
 VELLORE, town, India, xxiv. 137.
 VELLUM, xiv. 390; xviii. 271; ancient use of, xviii. 144, 147, 162.
 VELOCIPEDE, xxiii. 559.
 VELOCITY, in mechanics, xv. 681, 769; viii. 207; of light, xiv. 584; xxiv. 458; of sound, i. 104; xxiv. 418; of the wind, xvi. 156.
 VELSKE, town, Russia, xxiv. 283.
 VELTEN, St. bishop and martyr, xxiv. 36.
 VELTHEN, Magister Johann, German dramatist, vii. 441.
 VELVET, silken textile, xxiv. 137, 467; ancient, xxiii. 209; dyeing of, vii. 579.
 VELVET-DUCK, bird, xxi. 470.
 VENANTIUS HONORIUS CLEMENTIANUS FORTUNATUS, Latin poet, ix. 469.
 VENATION, of leaves, iv. 109.
 VENDACE, fish, xxiv. 137; xxi. 223.
 VENDÉE, department, France, xxiv. 137; insurrection in, ix. 605.
 VENDÉE DIAMOND, kind of quartz, xxiv. 138.
 VENDETTA, Practice of, in Sardinia, xxi. 309.
 VENDIDAD, part of Zend-Avesta, xxiv. 775, 823.
 VENDÔME, town, France, xxiv. 138; xiv. 809.
 VENDOR, in law, xxi. 206.
 VENEER, Marble, in wall decorations, xvii. 35.
 VENEERING, in cabinet work, xxiv. 138; ix. 849.
 VENER, Lake, Sweden, xxii. 736.
 VENERATION, in phrenology, xviii. 845.
 VENEREAL DISEASES, xviii. 404; xxii. 686; in the horse, xxiv. 202.
 VENETI, ancient Italian people, xiii. 447.
 VENETIA, province, Italy, xxiv. 141.
 VENETIAN ALPS, i. 630.
 VENEZUELA, republic, South America, xxiv. 139; i. 712; revolt of, from Spain, i. 710; liberation of, by Bolivar, iv. 7; forests, ix. 406; newspapers, xvii. 437.
 VENGEANCE, Private, in Roman law, xx. 675; in Sardinia, xxi. 309.
 VENICE, town and former republic, Italy, xxiv. 141; xiii. 479; occupation of Greece by, xi. 121; war of Louis XII. of France with, ix. 555; occupation of, by Napoleon (1797), xvii. 198; conflict with Ottoman empire, xxiii. 642; contest with Pope Paul V., xviii. 431; relations to the papedom, xix. 505; its support of Father Sarpi, xxi. 311; bank of, iii. 316; bridge of the Rialto, iv. 332; coins, xvii. 657; commerce, vi. 199; musical conservatory, vi. 291; dialect of, xiii. 494; doges, vii. 331; glass making, x. 652; libraries, xiv. 530, 548; majolica ware, xix. 628; St Mark's church, ii. 435; crypt in St Mark's, vi. 669; nobles, xvii. 527; school of painting, xxi. 436, 442; pictures in, xxi. 447; porcelain, xix. 636; sculpture, xxi. 568; Tintoretto's pictures in, xx. 609; Titian's pictures in, xxiii. 414, 416; Turner's pictures of, xxiii. 667.
 — PRESERVED, Otway's drama, xviii. 70.
 — TURPENTINE, xiv. 310.
 VENI CREATOR, ancient hymn, xii. 583.
 VENIERI, Sebastian, Venetian admiral and doge, xxiv. 145, 146.
 VENKATAGIRI, town, India, xvii. 321.
 VENLO, town, Holland, xxiv. 157.
 VENNACHER, Loch, Scotland, xviii. 666.
 VENNONES, or Venostes, Rhaetian people, xx. 505.
 VENTA ICENORUM (Norwich), ancient town, England, xvii. 595.
 VENTIDIUS, Roman general, xviii. 597.

- VENTILATION, XXIV. 157; of bee hives, III. 486; of drains, XXI. 715; of hospitals, XII. 304; of mines, VI. 70; XVI. 459.
- VENTNOR, town, Isle of Wight, England, XXIV. 162.
- VENTRILQUIISM, VII. 63.
- VENTURA, Luca d'Egidio di (Signorelli), Italian painter, XXII. 50; XXI. 434, 442.
- VENUE, in law, XXIV. 162.
- VENUS, Roman goddess (the Greek Aphrodite), I. 788; II. 171; relations with Adonis, I. 163; the Egyptian Athor, III. 13; temple of, at Rome, XX. 827; in classical sculpture, II. 356, 361; VII. 530; XV. 842.
- , planet, II. 777, 782, 791; brightness of, XIV. 582; transits of, II. 796; XVIII. 246; first observation of transit, II. 754; XII. 172; Assyrian worship of, III. 176.
- , Vigil of, Latin poem, XVIII. 683.
- VENUS'S FLY-TRAP, insectivorous plant, XIII. 136.
- VEPERI, part of Madras city, India, XV. 188.
- VERA, Augusto, Italian philosopher, XXIV. 162.
- CRUZ, state, Mexico, XVI. 214; population, XXIV. 163.
- CRUZ, town, Mexico, XXIV. 163.
- VERATRUM, plant, XXIV. 163.
- VERAWAL, town, India, XXII. 261.
- VERB, in grammar, XI. 41.
- VERBANO (Maggiore, *q.v.*), Lago, Italian lake, XV. 198.
- VERBENA, plant, XXIV. 163.
- VERCELLI, town, Italy, XXIV. 163; library, XIV. 531; university, XXIII. 833, 836.
- CODEX, Anglo-Saxon MS., VIII. 406; MS. of Gospels in Latin, XXIV. 163.
- VERCELLIS, Madame de, friend of Rousseau, XXI. 24.
- VERCINGETORIX, Gallic chief, IV. 637.
- VERD, Cape, West Africa, XXI. 661; islands, V. 50; I. 272; III. 759.
- VERDAGUER, Jacinto, Spanish poet, XXII. 365.
- VERDE ANTICO, variety of marble, XV. 529; XVI. 397.
- VERDELHO WINE, Madeira, XV. 178.
- VERDEN, Massacre of Saxons at (782), V. 403.
- VERDERER, in forest law, IX. 409.
- VERDICT, of a jury, XIII. 785, 787.
- VERDIGRIS, or Acetate of Copper, VI. 351; as a poison, XIX. 278.
- , river, Nebraska, U.S.A., XVII. 307.
- VERDITER BLUE, pigment, XIX. 87.
- VERDUN, town, France, XXIV. 164; treaty of (843), IX. 534; X. 480; XV. 9.
- VERGE-BOARD, in architecture, II. 475.
- VERGENNES, Claire E. J. G. de (Madame Rémusat), French writer, XX. 379.
- VERGIL, or Virgil (*q.v.*), Latin poet, XXIV. 248.
- VERGNIAUD, Pierre Victurnien, French Revolutionist, XXIV. 164.
- VERHULST, William, director, New Netherland, America, XVII. 454.
- VERJUICE, from crab apples, II. 212.
- VERKH-ISSETSKII, town, Russia, XVIII. 550.
- VERKHNE-TCHIRSKAYA, town, Russia, XVII. 500.
- VERKHNEUDINSK, town, Transbaikalia, Russia, XXIII. 511.
- VERKHNE-URALSK, town, Russia, XXIV. 166; XVII. 826.
- VERKHNI LOMOFF, town, Russia, XVIII. 515.
- VERKHOTURIE, town, Russia, XVIII. 550.
- VERMEER, Jan (J. van der Meer), Dutch painter, XV. 824.
- VERMEHREN, Danish painter, VII. 94.
- VERMEJO, river, South America, XIX. 188.
- VERMES, group of animals, XXIV. 677; embryology of, XX. 419; reproduction of, XX. 409; organs of touch in, XXIII. 478; parasitic forms, XVIII. 259.
- VERMICELLA, genus of snakes, XXII. 196.
- VERMICELLI, article of food, XV. 125.
- VERMIFORMIA, division of Polyzoa, XIX. 433.
- VERMIGLI, Pietro Martire (Peter Martyr), Italian Reformer, XXIV. 166.
- VERMILION, pigment, XXIV. 166; XIX. 87.
- VERMLAND, county, Sweden, XXII. 741.
- VERMONT, State, U.S.A., XXIV. 166.
- VERNATION, of plants, arrangement of leaves in bud, IV. 118.
- VERNET, spa, France, XX. 128.
- , Antoine Charles Horace (Carle Vernet), French painter, XXIV. 169.
- , Claude Joseph, French painter, XXIV. 168.
- , Émile Jean Horace, French military painter, XXIV. 169.
- , Madame, her protection of Condorcet, VI. 254.
- VERNIER, micrometric instrument, XXIV. 169; XVII. 256; XXII. 718.
- , Pierre, French commandant, inventor of the vernier, XXIV. 169; XVII. 256; XXII. 718.
- VERNON, Edward, English admiral, XXIV. 169.
- , James, English secretary of state and letter writer, XXIV. 169.
- VERODUNUM (Verdun), ancient town, France, XXIV. 164.
- VERONA, town, Italy, XXIV. 170; XX. 145; congress of (1822), VI. 271; XVI. 202; XXIV. 497; amphitheatre at, I. 775; libraries, XIV. 548; school of painting, XXI. 436, 443; pictures, XXI. 447.
- VERONESE, Paolo, Italian painter, XXIV. 173; XXI. 436; his manner of colouring, XVIII. 139; as colleague of Tintoret, XX. 610.
- VERONICA, St, XXIV. 173.
- VERRES, Roman governor, XXIV. 174.
- VERRI, Pietro, Italian economist, XIX. 362.
- VERROCCHIO, Andrea del, Florentine painter and sculptor, XXIV. 175; XIV. 456; XXI. 568.
- VERRUCCHIO, Malatesta da, Italian nobleman, XX. 556.
- VERRUGAS, disease, XXIV. 377, 732.
- , Peru, Railway bridge at, XVIII. 675.
- VERSAILLES, town, France, XXIV. 176; treaty of (1756), IX. 588; treaty of (1783), IX. 595; William I. of Prussia proclaimed German emperor at (1871), XXIV. 582; labyrinth at, XIV. 180; libraries, XIV. 526, 546; palace, II. 441; Vernet's paintings in palace, XXIV. 169; waterworks, II. 222.
- VERSEZ, town, Hungary, XXIV. 178.
- VERSIFICATION, in poetry, XIX. 258.
- VERTEBRÆ, XXII. 111; XXIV. 178; in human anatomy, I. 820; of Amphibia, I. 751; of apes, II. 159; of birds, III. 717; of fishes, XII. 640; of mammals, XV. 356 (and article Mammalia throughout); of reptiles, XX. 447.
- VERTEBRATA, or Vertebrates, division of animal kingdom, XXIV. 178; II. 53; embryology of, XX. 420; nervous system, XIX. 31; reproduction, XX. 409; skeleton, XXII. 106; in Lankester's classification, XXIV. 812.
- VERTIGO, Epileptic, VIII. 480.
- VERTOT, Abbé de, French historian, IX. 668.
- VERTUE, George, English engraver and antiquary, XXIV. 188.
- VERTUMNUS, Roman deity, XIX. 443.
- VERT VERT, Gresset's poem, XI. 187.
- VERULAM, Baron (Francis Bacon, *q.v.*), III. 200.
- VERULAMIUM (St Albans), Roman town, Britain, XXI. 156.
- VERUS, Ælius, Roman general, XVIII. 604.
- , M. Aurelius, Roman emperor, III. 86; XX. 773, 775; XXII. 573.
- , Martius, Roman general, XVIII. 604.
- VERVIERS, town, Belgium, XXIV. 188.
- VERVINS, France, Treaty of (1598), IX. 564.
- VERWER, Adriaen, on sea-rights, XXI. 584.
- VESALIUS, or Vesale, Andreas, Flemish anatomist, I. 807; on the organs of circulation, XXIV. 95.
- VESICAL DISEASES, XXIV. 188.
- VESIEGONSK, town, Russia, XXIII. 672.

- VESOUL, town, France, XXIV. 191; XXI. 301.
- VESPA, genus of insects, XXIV. 391.
- VESPASIAN (Titus Flavius Vespasianus), Roman emperor, XXIV. 191; XX. 772; in Judæa, XIII. 427; temple of, at Rome, XX. 820.
- VESPER, canonical hour, XXIV. 192; IV. 263.
- AT BLACKFRIARS, London, Accident at (1623), XIV. 847.
- VESPERTILIONIDÆ, family of bats, XV. 410.
- VESPIDÆ, family of insects, XXIV. 391.
- VESPUCCI, Amerigo, Italian navigator, XXIV. 192; X. 181.
- VESTA, Roman goddess (the Greek Hestia), XXIV. 193; temple of, at Rome, XX. 818, 819; temple of, at Tivoli, II. 417; pilgrimage to temple of, XIX. 91.
- , asteroid, II. 807.
- VESTALIA, Roman festival, XXIV. 195.
- VESTAL VIRGINS, Roman priestesses, XXIV. 193.
- VESTAS, matches, XV. 626.
- VESTERAALEN, islands, Norway, XIV. 768; XVII. 577.
- VESTERÅS, county, Sweden, XXII. 741.
- VESTERBOTTEN, county, Sweden, XXII. 741.
- VESTERNORRLAND, county, Sweden, XXII. 741.
- VESTFOLD KINGS, of Norway, XVII. 585.
- VESTIGES OF CREATION, anonymous work, by Robert Chambers, V. 381; XXIV. 77.
- VESTMANLAND, county, Sweden, XXII. 741.
- VESTMENTS, Ecclesiastical, XXIV. 195; VI. 461.
- VESTOCHNYI, Cape, Eastern Siberia, XV. 547.
- VESTRIS, Madame, English actress, XV. 632.
- VESTRY BOARDS, of London, XIV. 820.
- VESUNNA (Périgueux), Roman town, France, XVIII. 534.
- VESUVIANS, matches, XV. 626.
- VESUVIUS, volcano, Italy, XXIV. 195; X. 243; XVII. 187; destruction of Pompeii by, XIX. 444.
- VESELYITE, mineral, XVI. 406.
- VESZPREM, town, Hungary, XXIV. 197.
- VETCHES, Culture of, I. 376.
- VETERINARY DEPARTMENT, of British army, II. 584.
- VETERINARY SCIENCE, XXIV. 197.
- VETLANKA, Russia, Plague at, XIX. 167.
- VETLUGA, river, Russia, XXIV. 279.
- VETO, in constitutional law, XXIV. 206; of the Roman tribune, XXIII. 558; presidential, of United States, XXIII. 749.
- ACT, of Church of Scotland, IX. 743; XXI. 538.
- VETRANIC-CAVCIC, Nicholas, Ragusan dramatist, XXI. 690.
- VETTER, Lake, Sweden, XXII. 736.
- VETTORE, Monte, mountain, Italy, XIII. 437.
- VETULONIA, Etruscan town, Italy, VIII. 636.
- VETURII, Ligurian tribe, Italy, XIV. 640.
- VEVAY, town, Switzerland, XXIV. 115.
- VEXIN, district, Normandy, France, XVII. 539, 544.
- VEYSI, Turkish writer, XXIII. 656.
- VÉZELAY ABBEY, France, Architecture of, II. 430.
- VIADUCTS, IV. 284; railway, XX. 234.
- VIAREGGIO, town, Italy, XXIV. 208.
- VIATICUM, last communion to the dying, XXIV. 208.
- VIATKA, or Vyatka, government, Russia, XXIV. 302; town, XXIV. 303.
- VIAU, or Viaud, Théophile de, French poet, XXIV. 208; IX. 656.
- VIAZEMSKI, Prince, Russian poet, XXI. 109.
- VIBORG, town, Denmark, VII. 83.
- , town, Finland, XXIV. 209.
- VIBRATION, Effect of, on iron and steel, XIII. 355; on magnetization, XV. 268.
- , Light propagated as, XXIV. 421.
- VIBRATIONS OF SOUND, I. 100; XVII. 105; communication of, I. 116; of human voice, XXIV. 275.
- VIBROGRAPHS, acoustic instruments, I. 110.
- VICAR, in ecclesiastical law, XXIV. 209; I. 179; XXIII. 412; of an English parish, XVIII. 296.
- VICAR-CHORAL, ecclesiastical officer, XXIV. 209.
- VICAR-GENERAL, in ecclesiastical law, XXIV. 209; III. 559.
- VICAR OF WAKEFIELD, Goldsmith's tale, X. 762.
- VICE, tool, XI. 439.
- VICE-ADMIRAL, Office of, I. 159.
- VICE-COMES, Anglo-Norman officer, XXIV. 261.
- VICENTE, Gil, Portuguese dramatist, XXIV. 209; VII. 420; XIX. 556; as pastoral poet, XVIII. 346.
- VICENTIA (Vicenza), ancient town, Italy, XXIV. 210.
- VICENZA, town, Italy, XXIV. 210; university of, XXIII. 836.
- VICE-PRESIDENT, of United States, XXIII. 750; list of vice-presidents, XXIII. 787.
- VICH, town, Spain, XXIV. 210.
- VICHY, town, France, XXIV. 210; mineral water of, XVI. 435.
- VICHY-CHAMROND, Maria de, Marquise du Deffand, VII. 25.
- VICKSBURG, town, Mississippi, U.S.A., XXIV. 211; battle of (1863), XXIII. 778.
- VICO, Giovan Battista, Italian jurist and philosopher, XXIV. 211; XIII. 512.
- , Pietro di, prefect of Rome, XX. 795.
- VICRAMADITYA, Era of, V. 719.
- VICTIM, Sacrificial, XXI. 132.
- VICTOR I., St, bishop of Rome, XXIV. 213; XIX. 489.
- II.—III., popes, XXIV. 213.
- IV., two antipopes, XXIV. 213.
- , Claude Perrin, French marshal, XXIV. 213.
- , Sextus Aurelius, Roman consul and historian, XXIV. 214.
- AMADEUS I., duke of Savoy, XXI. 342.
- AMADEUS II., king of Sardinia, XXI. 342; XIII. 484.
- AMADEUS III., of Sardinia, XXI. 342.
- EMMANUEL, king of Italy, XXIV. 214; XIII. 488; XXI. 342.
- VICTORIA, queen of England, VIII. 366.
- , British colony, Australia, XXIV. 215; III. 114; mines, XVI. 471; XXI. 48; newspapers, XVII. 437; opium cultivation, XVII. 792; railways, XX. 253.
- , district, Western Australia, XXIV. 507.
- , town, Brazil, XXIV. 218.
- , town, British Columbia, XXIV. 218.
- , town, Hong-Kong, China, XII. 141.
- , Lake, Central Asia, XVIII. 103.
- BRIDGE, at Montreal, Canada, IV. 339; XVI. 794.
- CAVE, Yorkshire, England, V. 270.
- FALLS, river Paraná, Argentine Republic, XIX. 188.
- FALLS, Zambesi river, Africa, XXIV. 765; I. 255; discovery of, I. 247; XIV. 721.
- NYANZA, Lake, Africa, XVII. 504, 507.
- PARK, London, XIV. 824.
- PEAK, Vancouver Island, XXIV. 57.
- REGIA, water-lily, XXIV. 402.
- UNIVERSITY, at Manchester, England, XXIII. 854.
- VICTORINES, The, mystics, XVII. 132.
- VICUÑA, or Vicugna, ungulate mammal, I. 598; IV. 13; XIV. 739; influence of domestication on, IV. 251.
- VICUS AQUENSIS (Bagnères-de-Bigorre), ancient town, France, III. 235.
- VICUS IRIÆ (Voghera), ancient town, Italy, XXIV. 272.
- VIDA, Marco Girolamo, Italian Latin poet, XXIV. 219.
- VIDAGO, spa, Portugal, XVI. 435.
- VIDAL, Peire, Provençal poet, XIX. 874.
- , Ramon, Catalan poet, XXII. 363.
- VIDONIA WINE, Teneriffe, IV. 797; XXIV. 607.
- VIDUA, genus of birds, XXIV. 463.
- VIEDMA LAKE, Patagonia, XVIII. 353.

- VIEILLOT, Louis Pierre, on birds, XVIII. 7.
- VIEN, Joseph Marie, French painter, XXIV. 219.
- VIEN-CHANG, town, Siam, XXI. 853.
- VIENNA, capital of Austria-Hungary, XXIV. 219; siege of, by the Turks (1529), XXIII. 643; siege of, by the Turks (1683), III. 126; XIV. 466; XIX. 296; XXIII. 645; taken by Bonaparte (1805), III. 132; peace of (1809), III. 134; IX. 616; congress of (1814-15), III. 135, 270; VI. 270; IX. 618; XIII. 485; XIV. 855; XVII. 223; XIX. 298; revolution at (1848), III. 136; academy of surgery, I. 77; libraries, XIV. 527, 547; newspapers, XVII. 429; imperial observatory, XVII. 713; telescope in observatory, XXIII. 149; picture galleries, XXI. 445; porcelain, XIX. 640; Canova's sculpture in, XXI. 570; university, XXIII. 840, 851; waterworks, II. 228.
- VIENNE, department and town, France, XXIV. 222.
- , river, France, XIV. 806.
- , Haute-, department, France, XXIV. 223.
- , John de, leader of the French in Scotland (1381), XXI. 490.
- VIEQUEZ, island, Porto Rico, West Indies, XIX. 532.
- VIERGE AUX ROCHERS, Leonardo's painting, XIV. 460.
- VIERWALDSTÄTTERSEE, or Lake of Lucerne (*q.v.*), Switzerland, XV. 41.
- VIERZON, town, France, XXIV. 223.
- VIETA, François, French mathematician, XXIV. 224; his application of algebra to geometry, I. 514; on squaring the circle, XXII. 434; his contributions to trigonometry, XXIII. 562.
- VIEUSSSENS, Raymond, French anatomist, I. 812, 813.
- VIEUZAC, Barère de, French Revolutionist, III. 373.
- VIGEVANO, town, Italy, XXIV. 224.
- VIGIL, Ecclesiastical, XXIV. 224.
- VIGILANTIUS, early writer on superstitious practices, XXIV. 224; his warning against monachism, XVI. 703.
- VIGILIUS, pope, XXIV. 225; XIX. 493; his relations with Pope Pelagius I., XVIII. 473.
- VIGIL OF VENUS, Latin poem, XVIII. 683.
- VIGNA, Pietro de la, or Pier delle Vigne, Italian minister to Frederick II., XXIV. 225; inventor of the sonnet, XXII. 262; XIII. 500.
- VIGNACOURT, Aloi de, grand-master of Knights Hospitallers, XXI. 175.
- VIGNE, Pier delle. See Vigna.
- VIGNEMALE, mountain, France, XX. 127.
- VIGNETTE, in architecture, II. 475.
- VIGNOBLES, district, Neuchâtel, Switzerland, XVII. 361.
- VIGNOLA, Giacomo Barozzio da, Italian architect, III. 380; XX. 836.
- VIGNY, Alfred de, French poet and adventurer, XXIV. 225.
- VIGO, town, Spain, XXIV. 226; XIX. 455.
- VIGORS, Nicholas Aylward, on birds, XVIII. 15.
- VIGTEN ISLANDS, Norway, XVII. 576.
- VIJIL, Francisco de Paula, Peruvian orator and statesman, XVIII. 676.
- VIK, district, Norway, XVII. 584.
- VIKINGS, Northern sea-rovers, their early expeditions, XVII. 584; their knowledge of geography, X. 178; their possession of Orkney and Shetland, XVII. 848; invasion of Scotland by, XXI. 477.
- VIKRAMADITYA, king of Ujjain, India, XII. 789.
- VIKRAMORVASI, Kalidasa's Sanskrit drama, XIII. 829; XXI. 285.
- VI LAICA REMOVENDA, obsolete English writ, XXIV. 695.
- VILAYET, Turkish administrative division, XXIII. 654.
- VILCAMAYU, river, Peru, XVIII. 673; valley, XVIII. 675.
- VILKOMIR, town, Russia, XXIV. 226.
- VILLACREZES, congregation of reformed Franciscans, IX. 699.
- VILLA DE CONTAS, town, Brazil, XXIV. 227.
- VILLA DE HORTA, town, Azores, III. 172.
- VILLA DO RIO PARDO, town, Brazil, XXIV. 227.
- VILLAFRANCA, Italy, Conference and peace of (1859), III. 139; IX. 624; XIII. 490; XVII. 228.
- VILLAGE, in United States, XXIII. 827.
- , The, Crabbe's poem, VI. 539.
- COMMUNITIES, XIV. 365; in Russia, XXI. 70, 83.
- TENURE, of land, XIV. 260.
- VILLA HAYES, town, Paraguay, XVIII. 244.
- VILLAINAGE, in England, VI. 355; VIII. 325; XXII. 137.
- VILLANI, Filippo, Italian biographer, XXIV. 228.
- , Giovanni, Italian chronicler, XXIV. 227; XIII. 505; XX. 385.
- , Matteo, Italian historian, XXIV. 228.
- VILLA NOVA DA GAIA, suburb of Oporto, Portugal, XVII. 795.
- VILLANUEVA, town, Mexico, XXIV. 761.
- DEL GRAO, town, Spain, XXIV. 34.
- VILLA PILAR, town, Paraguay, XVIII. 244.
- VILLA REAL, town, Portugal, XXIII. 525.
- VILLA RICA, town, Paraguay, XVIII. 244.
- VILLARS, Claude Louis Hector, Duc de, French general, XXIV. 228; IX. 581.
- VILLARSITE, mineral, XVI. 415.
- VILLEFRANCHE DE ROUERQUE, town, France, XXIV. 228.
- VILLEFRANCHE-SUR-SAÔNE, town, France, XXIV. 229.
- VILLEHARDOUIN, Geoffroy de, French chronicler, XXIV. 229; IX. 645.
- , Godfrey, prince of Achaia, XXIV. 229; capture of Nauplia by (1211), XVII. 249.
- VILLEINAGE, in England, VI. 355; VIII. 325; XXII. 137.
- VILLEIN-SOCAGE, system of land tenure, England, XIX. 734.
- VILLEMAIN, Abel François, French literary historian, XXIV. 231; IX. 680.
- VILLEMARQUÉ, Théodore Hersart, Vicomte de la, on Breton literature, V. 324.
- VILLENA, town, Spain, XXIV. 231.
- , Enrique de, Spanish poet, XXII. 355.
- VILLENAGE, or Villeinage (*q.v.*), VI. 355.
- VILLENEUVE, Pierre C. J. B. S. de, French admiral at Trafalgar, XVII. 323.
- VILLENEUVE-SUR-LOT, town, France, XXIV. 231.
- VILLIERS, George, first duke of Buckingham, IV. 417; Bacon's connexion with, III. 206.
- , George, second duke of Buckingham, IV. 419.
- , George William Frederick, fourth earl of Clarendon, V. 807.
- , John de, master of Knights Hospitallers, XXI. 174.
- VILLON, Francis, French poet, XXIV. 232; IX. 647.
- VILMANSTRAND, town, Finland, XXIV. 209.
- VILMORIN, Henry de, French agriculturist, XXIV. 532.
- VILNA, government, Russia, XXIV. 233.
- , town, Russia, XXIV. 234; observatory at, XVII. 714.
- VILUI, river, Siberia, XXII. 5; XXIV. 726.
- VIMIERO, Portugal, Battle of (1808), XXIV. 495.
- VINAGO, genus of birds, XIX. 85.
- VINCENNES, town, France, XXIV. 234.
- , town, Indiana, U.S.A., XXIV. 234.
- VINCENT, St, Spanish deacon and martyr, XXIV. 234.
- of Beauvais, mediæval encyclopædist, XXIV. 235; VIII. 192; XXI. 427.
- of Lerins, St, ecclesiastical writer, XXIV. 236; VI. 562.
- , Alexandre Joseph Hidulphe, on porisms, XIX. 520.
- , George, English painter, XXIV. 234.
- , Thomas, Penn's discussion with, XVIII. 493.
- , William, on the early circumnavigation of Africa, I. 245.

- VINCENT DE PAUL, St, founder of the Lazarites, XXIV. 236.
 — FERRER, St, Spanish preacher, XXIV. 236.
 VINCENTIUS (St Vincent), Spanish saint and martyr, XXIV. 234.
 — BELLOVACENSIS (Vincent of Beauvais), mediæval encyclopædist, XXIV. 235; VIII. 192; XXI. 427.
 VINCI, Leonardo da, Italian painter and philosopher, XIV. 455; XIII. 508; XXI. 437, 569.
 VINDELICI, ancient Alpine people, XX. 504.
 VINDELICIA, Roman province, XXIV. 236; XX. 505.
 VINDELICIAN ALPS, I. 628.
 VINDEX, Julius, his revolt against the emperor Nero, XVII. 351.
 VINDICIÆ GALLICÆ, Mackintosh's book, XV. 160.
 VINDICTA PRIVATA, in Roman law, XX. 675.
 VINDOBONA (Vienna), ancient Roman town, XXIV. 222.
 VINDOCINUM (Vendôme), ancient town, France, XXIV. 138.
 VINE, plant, XXIV. 236; in horticulture, XII. 277; culture of, for wine making, XXIV. 602; cultivation, in Italy, XIII. 451; in Madeira, XV. 178; of Zante, XXIV. 767.
 VINEA, Petrus de, or Pietro de la Vigna, minister of emperor Frederick II., XXIV. 225. See Vigna.
 VINEGAR, or Acetic Acid, XXIV. 240; making of, IX. 98.
 VINE-MILDEW, XVI. 294.
 VINERY, Garden, XII. 223.
 VINET, Alexandre Rodolphe, French critic and theologian, XXIV. 241; XXII. 799.
 VINEYARDS, XXIV. 602; on the Rhine, XX. 520.
 VINJE, A. O., Norwegian poet, XVII. 591.
 VINLAND, seat of early settlement, North America, I. 706.
 VINNITSA, town, Russia, XXIV. 241; XIX. 254.
 VINTSCHGAU, district, Tyrol, Austria, XXIII. 711.
 VIOL, musical instrument, XXIV. 242.
 VIOLA, genus of plants, XVIII. 214; XXIV. 241.
 VIOLET, plant, XXIV. 241; XII. 253.
 VIOLIN, musical instrument, XXIV. 242.
 VIOLETT-LE-DUC, Eugène Emmanuel, French architect, XXIV. 246.
 VIOLONCELLO, musical instrument, XXIV. 245.
 VIOTTI, Giovanni Battista, Italian violinist and composer, XXIV. 246.
 VIPER, reptile, XXIV. 247; XXII. 193, 199.
 VIPERA, genus of snakes, XX. 452; XXII. 193; XXIV. 247.
 VIRAMAMUNI (Joseph Beschi), Italian writer in Tamil, XXIII. 44.
 VIRAVANALLUR, town, India, XXIII. 405.
 VIRCHOW, Rudolf, on cellular pathology, XVIII. 361.
 VIRGEN GORDA, island, West Indies, XXIV. 261.
 VIRGIDEMIARUM SIXE BOOKES, Bishop Hall's work, XI. 390.
 VIRGIL (Publius Vergilius Maro), Roman poet, XXIV. 248; XX. 722; language and style of, XIV. 335; as representative of the Augustan age, III. 82; his connexion with Naples, XVII. 191; commentaries on, XXI. 692; Gawain Douglas's translation of, VII. 377; Dryden's, VII. 492.
 —, Polydore, bishop of Bath and Wells and historian, XXIV. 255.
 — THE ENCHANTER, romance, XX. 641.
 VIRGILIA, genus of trees, II. 320.
 VIRGILIANÆ SORTES, Divination by, VII. 293.
 VIRGINAL, musical instrument, XIX. 67.
 VIRGINIA, Roman maiden, Story of, V. 816.
 —, State, U.S.A., XXIV. 255; colony of, XXIII. 729; Captain John Smith's connexion with, XXII. 174; mineral springs of, XVI. 436; newspapers, XVII. 434; opium cultivation, XVII. 792.
 —, West. See West Virginia.
 — CITY, Nevada, U.S.A., XXIV. 261.
 VIRGINIAN NIGHTINGALE, bird, XI. 209; XVII. 499.
 VIRGINIANS, The, by Thackeray, XXIII. 216.
 VIRGINIA RESOLUTIONS (1798), in history of United States, XV. 183; XXIII. 756.
 VIRGIN ISLANDS, West Indies, XXIV. 261.
 VIRGIN MARTYR, The, Massinger's play, XV. 618.
 VIRGIN MARY, The, XV. 589.
 VIRGINS, Eleven Thousand, of the Ursula legend, XXIV. 13.
 VIRIATHUS, Lusitanian chief, XXII. 306.
 VIRTUE, in ethics, VIII. 575; Aristotelian doctrine of, II. 517; Platonic, XIX. 196; Socratic, XXII. 237, 266; XIX. 195; Stoic doctrine of, XXII. 568.
 VIRUNUM (Klagenfurt), ancient town, Austria, XIV. 107.
 VISAKHADATTA, Hindu dramatist, XXI. 286.
 VISAYAS, islands, Philippines, XVIII. 752.
 —, race of people, Philippine Islands, XVIII. 753.
 VISCERA, Thoracic, Anatomy of, I. 899; XX. 475; abdominal, VII. 223; XVIII. 669; malformations of, XVI. 765.
 VISCHER, Peter, German artist, XVII. 633; XXI. 565.
 VISCHER, Theodor, on æsthetics, I. 219.
 VISCONTI, Milanese ruling family, XIII. 477; XVI. 291, 293.
 —, Filippo Maria, duke of Milan, XIII. 479.
 —, Gian Galeazzo, count of Pavia, XIII. 478; XVIII. 438; as ruler in Siena, XXII. 41; tomb of, XXI. 569.
 VISCOSITY, property of matter, VII. 801; VI. 311; XIX. 247; of gases, XVI. 618; XIX. 248; of solids, XXII. 598; measurement of, XII. 459.
 VISCOUNT, rank of nobility, XXIV. 261; XXIII. 418; in English peerage, XVIII. 464.
 VISCUM, genus of plants, XVI. 527; XVIII. 265.
 VISHNU, Hindu deity, IV. 207; worship of, among Mahrattas, XV. 290.
 VISHNUMAYA, daughter of Brahma, XIV. 19.
 VISHNUVITES, tribe, India, XV. 185.
 VISHTASPA, ancient Oriental sovereign, XXIV. 821.
 VISIBLE SPEECH, A. Melville Bell's, I. 608; XXII. 385.
 VISIGOTHIC WRITING, XVIII. 156.
 VISIGOTHS, or West Goths, X. 848; in France, IX. 528; XIV. 287; invasion of Roman empire by, XX. 780; their conquest of Spain, XXII. 308; in time of Theodosius I., XXIII. 257; code of, IV. 262; XXI. 216.
 VISIN, Denis von, Russian dramatist, XXI. 106.
 VISION, XIV. 578; physical causes of, VIII. 816; binocular, XXII. 538; diseases of, XVII. 780; influence of, on nervous movements, XIX. 39; psychological relations of, VIII. 826; Berkeley's theory of, III. 590; in bees, III. 487. See also Sight.
 —, Poetic, XIX. 263.
 — OF MIRZA, Addison's allegory, I. 149.
 VISIONS, Mental, VII. 452.
 VISITATION, Feast of the, XV. 592.
 VISON, genus of carnivorous mammals, XVI. 474.
 VISPERED, part of Zend-Avesta, XXIV. 775.
 VISQUERT, Antonio, Spanish painter, XXIII. 198.
 VISSCHER, Anna, Dutch poetess, XII. 93.
 —, Roemer Pieterssen, Dutch writer, XII. 93.
 —, Tesselschade, Dutch poetess, XII. 93.
 VISTRITZA, river, Macedonia, XV. 137.
 VISTULA, river, Central Europe, III. 116, 294; XIX. 307; XX. 218.
 — GOVERNMENTS, Russian official designation of Poland, XIX. 306.
 VISVAMITRA, Indian sage, XII. 782.
 VITALE MICHELII, doge of Venice, XXIV. 142.
 VITALIAN, Roman general, XIII. 791.

- VITALIANUS, pope, XXIV. 262.
 VITAL STATISTICS, XXII. 462.
 VITA NUOVA, Dante's work, VI. 814.
 VITEBSK, government and town, Russia, XXIV. 262.
 VITELLESCHI, Cardinal, Papal general, XX. 805.
 —, Mutio, general of the Jesuits, XIII. 654, 656.
 VITELLI, Alessandro, Italian general, XV. 789.
 VITELLIUS, Aulus, Roman emperor, XXIV. 262; XX. 773; struggle of his supporters against Othonians, XVIII. 65.
 VITERBO, town, Italy, XXIV. 263.
 VITHOBA, Temple of, at Panderpur, India, XVIII. 210.
 VITI (or FIJI) ISLANDS, South Pacific, IX. 155; XV. 835.
 VITIGIS, Gothic king, XIII. 797.
 VITI LEVU, one of the Fiji Islands, IX. 156.
 VITIM, plateau, Siberia, XXII. 2; XXIV. 725.
 —, river, Siberia, XXII. 5; XXIII. 510; XXIV. 726.
 VITIS, genus of plants, XXIV. 237.
 VITKOVICS, Michael, Hungarian poet, XII. 377.
 VITORIA, town, Spain, XXIV. 263; battle of (1813), XXIV. 496.
 VITRÉ, town, France, XXIV. 263.
 VITREA, group of Foraminifera, IX. 378.
 VITRIFIED FORTS, XXIV. 263.
 VITRIOL, VITRIOLS, XXIV. 265; XVI. 401, 402; manufacture of, XXII. 636; as a poison, XIX. 278; blue, XXII. 637; Roman, VI. 351.
 VITRUVIUS, Roman architect and engineer, XXIV. 265; II. 382; XX. 809; his influence on Italian architecture, II. 437; language and style of, XIV. 336.
 VITRY, France, Storming of (1143), IX. 540; XV. 18.
 VITTORIA, town, Sicily, XXIV. 266.
 VITTORINO DA FELTRE, Italian educationist, VII. 672.
 VITTORIO (Cenada), district, Italy, V. 334.
 — AMEDEO (Victor Amadeus, *q.v.*) II., king of Sardinia, XIII. 484; XXI. 342.
 VITTORIOSO, part of Valetta, Malta, XV. 340.
 VITUDURUM (Winterthur), ancient town, Switzerland, XXIV. 614.
 VITUS, St, Roman martyr, XXIV. 266.
 VIVARIA, or Fish Stews, Ancient, II. 218.
 VIVARINI, Antonio, Venetian painter, XXIV. 266.
 —, Bartolommeo, Italian painter, XXIV. 267.
 —, Luigi, Italian painter, XXIV. 267.
 VIVERRA, genus of carnivorous mammals, XV. 436; V. 796.
 VIVES, Juan Luis, or Ludovicus, Spanish scholar, XXIV. 267.
 VIVI, town, on Congo river, Africa, XXIV. 765.
 VIVIANITE, mineral, XVI. 404; XVIII. 818.
 VIVIPAROUS BIRTH, XX. 410.
 VIVIPAROUS PLANTS, XX. 423.
 VIVISECTION, John Hunter on, XII. 386.
 — ACT (1876), English, XV. 799.
 VIVONNE, Catherine de, Marquise de Rambouillet, XX. 264.
 VIZAGAPATAM, district and town, India, XXIV. 267.
 VIZCAYA (Biscay), province, Spain, III. 787.
 VIZIADRUG, town, India, XXIV. 267; X. 566.
 VIZIANAGRAM, estate and town, India, XXIV. 267.
 VIZIER, Oriental officer, XXIV. 268; XVI. 591.
 —, Grand, Turkish minister, XXIII. 654.
 VIZZINI, town, Sicily, XXIV. 268.
 VLACHS, or Roumans, XXIV. 268; in Roumania, XXI. 16.
 VLACICH, Matthias (Flacius), German theologian, IX. 275; V. 765; XV. 85.
 VLACQ, Adrian, Dutch logarithmist, XIV. 774; his tables, XXIII. 9.
 VLAD, voivode of Walachia, XXI. 16.
 VLADIKAVKAZ, town, Russia, XXIV. 270.
 VLADIMIR, government, Russia, XXIV. 270; town, XXIV. 271.
 —, early Russian prince, XXI. 89.
 VLADISLAF, king of Servia, XXI. 688.
 VLADIVOSTOK, town, Siberia, XXIV. 271; XV. 549.
 VLISSINGEN (Flushing), town, Holland, IX. 350; XXIV. 772.
 VLOTSKAVSK, town, Russian Poland, XXIV. 625.
 VOCAL ORGANS, in man, XXIV. 273; in birds, III. 726.
 VODENA, town, Turkey in Europe, VII. 652.
 VODKA, river, Russia, XVII. 772.
 VODNIK, Valentine, Slovenian poet, XXII. 150.
 VOET, Gisbert, on the Cartesian philosophy, VII. 119.
 VOGEL, H. C., his corrections of object-glasses, XXIII. 141.
 VOGELWEIDE, Walther von der, German poet, XXIV. 340; X. 525.
 VOGHERA, town, Italy, XXIV. 272.
 VOGLER, Georg Joseph, German organist and composer, XXIV. 272.
 VOGLITE, mineral, XVI. 399.
 VOGULS, people, Siberia, XXII. 8.
 VOICE, Human, XXIV. 273; sounds of, I. 118; XVIII. 811; XXII. 381; as instrument of expression, XVIII. 767.
 VOIDER, in heraldry, XI. 697.
 VOIGTLAND, region, Central Germany, XX. 493.
 VOIL, Loch, Scotland, XVIII. 666.
 VOIRLICH, Ben, mountain, Scotland, XVIII. 666.
 VOIRON, town, France, XXIV. 277.
 VOITURE, Vincent, French writer, XXIV. 277.
 VOIVODES, rulers of Roumania, XXI. 16, 19.
 VOLAGASES I., Parthian king, XVIII. 602.
 — II., Parthian king, XVIII. 603.
 — III., Parthian king, XVIII. 604.
 — IV., Parthian king, XVIII. 605.
 — V., Parthian king, XVIII. 606.
 VOLATERRE (Volterra), Etruscan town, Italy, VIII. 636; XXIV. 293.
 VOLATERRANUS, his *Commentarii Urbani*, VIII. 193.
 VOLATILITY, of metals, Table of, XVI. 66.
 VOLBORTHITE, mineral, XVI. 406.
 VOLCANALIA, Roman festival, XXIV. 301.
 VOLCANIC ISLANDS, Polynesia, XIX. 418.
 VOLCANO, VOLCANOES, X. 240; as source of ammonia, XVII. 516; in America, I. 673; in Azores, III. 170; of Chili, V. 616; Etna, VIII. 627; of Europe, VIII. 683; in Isle of Thera, Greece, XXIII. 280; of Hawaii, XI. 531; of Iceland, XII. 617; of Italy, XIII. 443; of Japan, XIII. 571; of Java, XIII. 601; of Mexico, XIX. 512; of Peru, XVIII. 672; of Philippine Islands, XVIII. 749; Vesuvius, XXIV. 195; mud, in Burmah, XIV. 162.
 VOLCI, Etruscan town, Italy, VIII. 635.
 VOLE, rodent mammal, XXIV. 277; XV. 419; snow-vole, I. 633.
 VOLGA, river, Russia, XXIV. 278; XXI. 74, 304.
 VOLGERITE, mineral, XVI. 388.
 VOLHYNIA, government, Russia, XXIV. 281.
 VOLINSKI, Prince, Russian minister, XXI. 98.
 VOLITION, in psychology, XX. 72; physiological action of the brain in, XV. 279; Cousin's doctrine of spontaneity in, VI. 525. See also Will.
 VOLJSK, town, Russia, XXIV. 283; XXI. 305.
 VOLKHOFF, river, Russia, XVII. 607; XXI. 73.
 VOLMAR, Melchior, his influence on Calvin, IV. 714.
 VOLNEY, Constantin François Chassebœuf, Comte de, French writer, XXIV. 282; IX. 672.
 VOLO, town, Greece, XXIV. 282; gulf, XXIII. 299.
 VOLOGDA, government, Russia, XXIV. 282; town, XXIV. 283.
 VOLOGESIA, town, Mesopotamia, XVI. 51.

- VOLOST, administrative division, Russia, XXI. 70.
- VOLSCI, or Volscians, ancient Italian people, XIII. 445; XIV. 344; XX. 739.
- VOLSINII, Etruscan town, Italy, VIII. 635.
- VOLSK, town, Russia, XXIV. 283; XXI. 305.
- VOLT, electrical unit of measurement, XXIII. 116.
- VOLTA, river, West Coast, Africa, X. 755.
- , Alessandro, Italian physicist, XXIV. 284; his electrical experiments, VIII. 9.
- VOLTAIRE, François Marie Arouet de, French man of letters, XXIV. 285; IX. 665; his influence on the French drama, VII. 425; his religious opinions, IX. 669; as satirist, XXI. 320; influence of his writings, IX. 592; quarrel with Lessing, XIV. 479; his relation to Ninon de Lenclos, XIV. 445.
- VOLTAITE, mineral, XVI. 402.
- VOLTAMETER, electric machine, VIII. 107.
- VOLTCHANSK, town, Russia, XIV. 57.
- VOLTERRA, town, Italy, XXIV. 293; VIII. 636.
- , Daniele da, Italian artist, XX. 537.
- VOLTERRANO, Il (Baldassare Franceschini), Italian painter, IX. 687.
- VOLTRE, Monte, Italy, XIII. 439.
- VOLTURNO, river, Italy, XIII. 440.
- VOLTZINE, mineral, XVI. 396.
- VOLUBILIS, Morocco, Ruins of, XVI. 834.
- VOLUME, Mensuration of, XVI. 13.
- VOLUNTEERS, British, XXIV. 293.
- VOLUSENUS, Florentius, Scottish humanist, XXIV. 296.
- VOLUTE, in architecture, II. 475.
- VOMER, Anatomy of the, in man, I. 825; in Amphibia, I. 754; in mammals, XV. 355; in reptiles, XX. 450, 452; development of, in birds, III. 700.
- VOMITING, XVII. 670.
- VONDEL, Joost van der, Dutch writer, VII. 444; XII. 94.
- VONONES I., Parthian king, XVIII. 600.
- II., Parthian king, XVIII. 602.
- VOORBROEK, Jakob (Perizonius), Dutch scholar, XVIII. 547.
- VOPISCUS, Flavius, Augustan historian, III. 74.
- VORAGINE, Jacobus de, archbishop of Genoa, XXIV. 296; XIII. 499.
- VORARLBERG, district, Austria, XXIV. 297.
- VÖRINGFOS, Norway, XVII. 575.
- VOROBIOV HILLS, Russia, XX. 35.
- VORONEZH, government, Russia, XXIV. 297; town, XXIV. 298.
- , river, Russia, VII. 356; XXI. 74.
- VORONTOVAH, town, Russia, XXIV. 298.
- VÖRÖSMARTY, Michael, Hungarian poet, XII. 378.
- VORSTERMAN, Lucas, engraver of works of Rubens, VIII. 442.
- VORTEX ATOMS, Theory of, III. 43.
- VORTEX MOTION, in hydromechanics, XII. 450.
- VORTICES, Descartes's theory of, VII. 124.
- VORTIGERN, British prince, II. 650; VIII. 269.
- VOS, Jan, Dutch writer, XII. 95.
- VOSGES, department, France, XXIV. 298.
- , mountains, France and Germany, XXIV. 298; IX. 506.
- VOSMAER, C., Dutch writer, XII. 98.
- VOSS, Johann Heinrich, German poet and archæologist, XXIV. 299; X. 541.
- VOSSIUS, Gerardus Johannes, German scholar and theologian, XXIV. 299.
- , Isaac, Dutch scholar, XXIV. 300.
- VOTAN, legendary legislator of Yucatan, I. 704.
- VOTERS, Parliamentary, Registration of, in England, XX. 344.
- VOTIAK LANGUAGE, XXIV. 1; XVIII. 779; dictionaries of, VII. 188.
- VOTING, Modes of, III. 288.
- VOTKINSK, town, Russia, XXIV. 300.
- VOUET, Simon, French painter, XXIV. 300.
- VOUSSOIR, in an arch, IV. 305.
- VOW, Religious, XXIV. 300; Nazarite, XXIII. 17.
- VOWEL POINTS, in Hebrew, XI. 600.
- VOWELS, their sounds, I. 1; pronunciation of, XXII. 382; musical sounds and notation of, I. 119.
- VOYAGE HOME, Lucian's work, XV. 45.
- VOYAGE OF PARNASSUS, by Cervantes, V. 354.
- VOYAGES, Quickest, down to 1883, XVII. 277.
- VOZHE, Lake, Russia, XVII. 606.
- VOZNESENSK, Ivanovo-, town, Russia, XIII. 520; XXIV. 271.
- VRANCX, Sebastian, Flemish painter, XXIV. 301.
- VRANITZA, Turkey, Charles XII.'s residence at, V. 421.
- VRAZ, Stanko, Servian poet, XXI. 691.
- VRIENDT, Frans de (Floris), Flemish painter, IX. 342.
- VRIES, Simon de, friend of Spinoza, XXII. 401.
- ISLAND, Japan, XIII. 570.
- VRIESLAND (Friesland), province, Holland, IX. 785.
- VUITERGA, river, Russia, XVII. 772.
- VUKASHIN, king of Servia, XXI. 689.
- VULCAN, Roman deity (the Greek Hephæstus), XXIV. 301; XI. 679.
- VULCANIÆ INSULÆ (Lipari Islands), Mediterranean Sea, XIV. 682.
- VULCANIST THEORY, in geology, XXIV. 502.
- VULCANITE, Manufacture of, XII. 841.
- VULCANO, one of the Lipari Islands, Mediterranean Sea, XIV. 682.
- VULCATIUS GALLICANUS, Augustan historian, III. 74.
- VULFILA (Ulfilas, *q.v.*), Gothic writer, X. 852.
- VULGAR FRACTIONS, in arithmetic, II. 529; tables of, XXIII. 8, 13.
- VULGATE, Latin translation of the Scriptures, III. 647; XIII. 631.
- VULPES, genus of carnivorous mammals, IX. 493.
- VULPINITE, mineral, XVI. 400.
- VULPIUS, Christiane, wife of Goethe, X. 731.
- VULSO, Cnæus Manlius, Roman consul, XV. 492.
- VULTURE, bird, XXIV. 301.
- , Bearded, bird, XIV. 243.
- VURFU OURLA, mountain, Hungary, XII. 361.
- VYASA, Brahman poet, XXI. 281.
- VYATKA, government, Russia, XXIV. 302; town, XXIV. 303; XXI. 89, 91.
- VYAZMA, town, Russia, XXIV. 303; XXII. 183.
- VYAZNIKI, town, Russia, XXIV. 271.
- VYERNYI, town, Russia in Asia, XXIV. 303; XXI. 641.
- VYISKI, iron-works, Russia, XVII. 500.
- VYRNWY, river, Wales, Waterworks of, XIV. 714; XXIV. 407.
- VYSHNEVOLOTSK, canals, Russia, XXIII. 672.
- VYSHNIV VOLOTCHOK, town, Russia, XXIV. 303; XXIII. 672.
- VYTCHEGDA, river, Russia, XXIV. 283.
- W the twenty-third letter of the alphabet, XXIV. 304.
- WAAL, river, Holland, XII. 63; XX. 519.
- WABASH, river, Indiana, U.S.A., XII. 813.
- WACE, Maistre, French trouvère, XXIV. 304; VIII. 407.
- WACHSTEIN, mountain, Germany, XXI. 349.
- WACHUSETT, mountain, Massachusetts, U.S.A., XV. 611; XXIII. 792.
- WACKENRODER, Wilhelm Heinrich, German writer, X. 542.
- WACLAW, king of Poland, XIX. 288.
- WACO, town, Texas, U.S.A., XXIV. 304.
- WAD, mineral, XVI. 388.
- WADAI, or Waday, country, Soudan, Africa, I. 271; XXII. 278, 279.
- GROUP, of Negroes, XVII. 319.
- WADDING, Luke, Irish ecclesiastical historian, XXIV. 304.
- WADHAM COLLEGE, Oxford, XVIII. 97.
- WADJO, kingdom, Celebes, V. 288.

- WADMAN, Johan Anders, Swedish writer, XXII. 757.
- WADY HALFA, town, Nubia, Africa, XVII. 507, 611.
- WADY MUSA (Petra), town, Northern Arabia, XVIII. 705.
- WAFERS, in stationery, XXIV. 305.
- WAGANDA, people of Uganda, Africa, XXIII. 718.
- WAGER, in law, XXIV. 305.
- , Sir Charles, English admiral, XXIV. 170.
- OF BATTLE, II. 210; VII. 511; XVII. 820; XXIV. 305.
- WAGES, XXIV. 306; XIV. 165; as affected by trade unions, XXIII. 500; payment of, XVIII. 440; taxes on, XXIII. 89; Lassalle on, XIV. 321; Marx on, XXII. 211; Rodbertus's theory, XX. 616. See also article Political Economy.
- WAGGONS, Railway, XX. 247.
- WAGLER, Johann, on birds, XVIII. 14, 20; on reptiles, XX. 436.
- WAGNER, Adolf, German economist, XIX. 392.
- , Andreas, on a feathered reptile, XVIII. 34.
- , Johann Gottlob, pianoforte maker, XIX. 73.
- , Rudolph, German anatomist and physiologist, XXIV. 313.
- , Wilhelm Richard, German musical composer, XXIV. 313; anticipated by Monteverde, XVII. 87; his influence on the lyrical drama, XVII. 99.
- WAGNERITE, mineral, XVI. 407.
- WAGRAM, Austria, Battle of (1809), III. 134; IX. 616; XVII. 214.
- WAGRIA, ancient district, Holstein, XXI. 415.
- WAGTAIL, bird, XXIV. 316.
- WAHAB, Muhammed ben, Druse chieftain, VII. 484.
- WAHBALLATH, prince of Palmyra, XVIII. 202.
- WAHHABEES, or Wahhabites, sect of Arabs, II. 250, 260; XVII. 773; XXIII. 648; their doctrines in India, XI. 849.
- WAHIDI, Arabic writer, XVII. 514.
- WAHLSTATT, Prussian Silesia, Battle of (1241), XIV. 569; XVI. 741.
- WAHSATCH MOUNTAINS, U.S.A., XXIII. 796; XXIV. 19.
- WAI, town, India, XXI. 317.
- WAIGALIS, tribe, Kafristan, Asia, XIII. 822.
- WAIHU (Rapanui), island, South Pacific, XX. 273.
- WAIKATO, river, New Zealand, III. 67; XVI. 467.
- WAINAD, district, India, XVII. 508.
- WAINRIGHT, Thomas Griffiths, English essayist, XXIV. 317.
- WAINGANGA, river, India, III. 627.
- WAIPA, river, New Zealand, XVII. 467.
- WAIROA, river, New Zealand, XVII. 467.
- WAITANGI, New Zealand, Treaty of (1840), XVII. 471.
- WAITZ, Georg, German historian, XXIV. 317.
- WAITZEN, town, Hungary, XXIV. 30.
- WAIVES AND STRAYS, Cinque Port right, v. 787.
- WAKAHOLO, Lake, Buru, Indian Archipelago, IV. 573.
- WAKATIPU, Lake, New Zealand, XVII. 467.
- WAKEFIELD, town, England, XXIV. 318.
- , Edward Gibbon, English colonial statesman, XXIV. 318.
- , Gilbert, English scholar and theologian, XXIV. 319.
- WAKEFULNESS, XXII. 157.
- WAKEMAN, Sir George, English physician, XVII. 697.
- WAKHAN, state, Central Asia, XVIII. 104.
- MOUNTAINS, Transcaucasia, Russia, XXIII. 513.
- WAKHSH, affluent of Oxus, Central Asia, XVIII. 103.
- WAKIDI, Moslem historian, XVI. 596; XXIII. 2.
- WAKORES, African tribe, XV. 475.
- WALACHIA, principality, Roumania, XXI. 16; Great and Little, XXIV. 269, 270.
- WALACHIAN (or ROUMANIAN) LANGUAGE, XXIV. 270; XX. 668; alphabet of, I. 614; dictionaries of, VII. 186.
- WALAFRID STRABO, German mediæval writer, XXIV. 320.
- WALATA, oasis, Africa, XVII. 695.
- WALBURGA, St, English abbess, XXIV. 337.
- WALCH, Carl Friedrich, German jurist, XXIV. 321.
- , Christian Wilhelm Franz, German ecclesiastical historian, XXIV. 321.
- , Jacob (Jacopo de' Barbari), Venetian artist, VII. 555, 556.
- , Johann Ernst Immanuel, German philologist, XXIV. 321.
- , Johann Georg, German church historian, XXIV. 321.
- WALCHEREN, island, Holland, XXIV. 771; British expedition to, XIV. 854.
- WALCHOWITE, mineral, XVI. 428.
- WALCOTT, John, on British birds, XVIII. 9.
- WALCZ (Deutschkrone), town, Prussia, VII. 134.
- WALDECK-PYRMONT, principality, Germany, XXIV. 321.
- WALDEMAR, margrave of Brandenburg, XX. 3.
- II., king of Denmark, VII. 84.
- III., of Denmark, VII. 85; his contest with the Hanse towns, XI. 450.
- WALDEMAR, king of Sweden, XXII. 745.
- WALDEN, Thoreau's prose work, XXIII. 313.
- WALDENBURG, town, Prussia, XXIV. 322.
- WALDENSES, religious sect, XXIV. 322; XX. 321; their Presbyterianism, XIX. 697.
- WALDERBESKOPF, mountain, Rhenish Prussia, XX. 20.
- WALDGEBIRGE, mountains, Austria, III. 116.
- WALDHEIM, Fischer de, on birds, XVIII. 15.
- WALDMANN, Hans, burgomaster of Zurich, XXIV. 831.
- WALDO, Peter, founder of the Waldenses, XXIV. 323.
- WALES, principality (incorporated with England), VIII. 215; as part of ancient Britain, IV. 353; in 6th century, VIII. 271; in 9th century, VIII. 284; invasion of, by William II., XXIV. 577; Norman settlement in, XVII. 551; in 11th and 12th centuries, VIII. 304, 309; conquest of, by England, VIII. 311; Irish in, XVIII. 247; ancient law code, XXI. 216; ancient literature, v. 314; poetry, VIII. 408; ancient tribes, v. 300; coalfields, VI. 49; colleges, XXIII. 856; counties, VIII. 220; Eisteddfod, VII. 791; newspapers, XVII. 422; population and representation, XXIII. 727.
- WALFISCH BAY, South Africa, v. 43.
- WALGHVÖGEL (Dodo), bird, VII. 321.
- WALIA, Visigothic leader, in Spain, XXII. 308.
- WALID I., caliph, XVI. 573.
- II., caliph, XVI. 576.
- , Abul (Rabbi Jonah), Jewish philologist, XIII. 737.
- WALIDIYA, town, Morocco, XVI. 831.
- WALKELIN, bishop of Winchester, XXIV. 596.
- WALKER, river and lake, Nevada, U.S.A., XVII. 367.
- , town, England, XXIV. 325.
- , Frederick, English painter, XXIV. 326.
- , Sears Cook, American astronomer, XXIV. 326.
- , General William, filibuster, Nicaragua, XVII. 479.
- WALKERITE, mineral, XVI. 420.
- WALKER'S EARTH, fuller's earth, IX. 816.
- WALKING-STICK INSECT, XIII. 152.
- WALL, Great, of China, v. 638, 644.
- , Antonine's, Scotland, II. 139; IV. 353; XXI. 471; XXII. 554.
- , Hadrian's, England, XI. 364; XXI. 471.
- WALLACE, Alfred Russel, on natural selection, VIII. 749, 764; on the races of man, II. 114; on the Malayan race,

- xv. 324; on birds, xviii. 32; on the fauna of New Guinea, xvii. 387.
- WALLACE, Sir William, Scottish patriot, xxiv. 326; xx. 592; xxi. 487; his struggle against Edward I., vii. 683; viii. 313.
- , William, Scottish mathematician, xxiv. 327.
- WALLACE'S LINE, Asia, ii. 684.
- WALLACHIAN ALPHABET, i. 614.
- WALLACHIAN (or ROUMANIAN) LANGUAGE, xxiv. 270; xx. 668; dictionaries of, vii. 186.
- WALLACKS, Vlachs, or Walachians, race of people, Europe, xxiv. 268; in Greece, xi. 83.
- WALLASEY, town, England, xxiv. 328.
- WALLA WALLA, town, Washington Territory, U.S.A., xxiv. 328; district, xxiv. 386.
- WALL-CREEPER, bird, xxiii. 534.
- WALL DECORATION, xvii. 34; xxiii. 158. See Mural Decoration.
- WALLENBERG, Jakob, Swedish writer, xxii. 756.
- WALLENSTADT, Lake, Switzerland, xxii. 777.
- WALLENSTEIN, Schiller's drama, xxi. 397.
- , Adalbert Eusebius von, German general, xxiv. 328; iii. 125; ix. 77; x. 500; xi. 334.
- WALLER, Edmund, English politician and poet, xxiv. 330; viii. 418.
- WALLIN, Johan Olof, bishop of Upsala, Swedish hymn-writer, xxii. 757.
- WALLIS (Valais), canton, Switzerland, xxii. 785.
- , Lake, New South Wales, xvii. 408.
- , John, English mathematician and grammarian, xxiv. 331; on the arithmetic of infinites, xiii. 6; on imaginary roots of quadratic equations, xx. 161; on squaring the circle, xxii. 435; his controversies with Hobbes, xii. 36, 37; on Wright's navigation tables, xvii. 225; on the teaching of deaf-mutes, vii. 6.
- , Samuel, explorer in Polynesia, x. 189; discoverer of Tahiti, xxiii. 24.
- WALLONS, or Walloons, people of South-Eastern Belgium, xxiv. 332.
- WALL-PAPERS, iv. 512; xvii. 38; Japanese, xiii. 591.
- WALLS, of Rome, xx. 812, 832.
- , islands, Orkney, Scotland, xvii. 846.
- WALLSEND, town, England, xxiv. 333; coal of, xvii. 566.
- WALL STREET, New York, xvii. 458.
- WALL TILES, xxiii. 389.
- WALNUT, tree and fruit, xxiv. 333; xii. 278; xvii. 664; culture of the tree, ii. 318; in United States, xxiii. 808.
- WALPOLE, Horace, English writer, xxiv. 333; Chatterton's application to, v. 448; his Walpoliana, i. 785.
- WALPOLE, Sir Robert, English statesman, xxiv. 335; viii. 354; x. 422; his measures of finance, ix. 184; his relations with Townshend, xxiii. 492.
- WALPURGIS, St, English abbess, xxiv. 337.
- OIL, xxiv. 337.
- WALPURGITE, mineral, xvi. 407.
- WALRUS, carnivorous mammal, xxiv. 337; xv. 443; tusks of, xiii. 523.
- OIL, xvii. 744.
- WALSALL, town, England, xxiv. 338.
- WALSH, William, English poet, xxiv. 338.
- WALSINGHAM, Norfolk, England, Ruins at, xvii. 537.
- , Sir Francis, English statesman, xxiv. 338.
- WALTER of Essex, reputed author of Guy of Warwick, xi. 341.
- , Jakob Gottlieb, on the anatomy of the nerves, i. 816.
- , John, proprietor of The Times newspaper, London, xvii. 417.
- PRINTING MACHINE, xxiii. 707.
- WALTERS, Lucy, mother of James, duke of Monmouth, xvi. 755.
- WALTHAM, town, England, xxiv. 339.
- ABBEY, town, England, xxiv. 339; gunpowder factory at, ii. 633.
- HOLY CROSS, town, England, xxiv. 339.
- WALTHAMSTOW, town, England, xxiv. 340.
- WALTHEOF, Earl, English noble, viii. 292; xxiii. 476; xxiv. 575.
- WALTHER, Bernhard, German astronomer, xxiv. 340; xx. 342; his observatory at Nuremberg, xvii. 709.
- VON DER VOGELWEIDE, German minnesänger, xxiv. 340; x. 525.
- WALTON, or Walton-le-Dale, town, England, xxiv. 341.
- , or Walton-on-the-Hill, town, England, xxiv. 341.
- , Brian, bishop of Chester, xxiv. 341; his Polyglott Bible, i. 497; iii. 652.
- , Izaak, author of Compleat Angler, xxiv. 342.
- WAMAHS, tribe, Kafiristan, Asia, xiii. 822.
- WAMASAI, race of people, East Central Africa, i. 263.
- WAN-CHOW FU, town, China, xxiv. 342.
- WANDERING JEW, The, xiii. 673.
- WANDERING JEW, Eugène Sue's novel, xxii. 619.
- WANDSWORTH, district, London, xiv. 822, 833.
- , Orders of, Presbyterian system, in England, xix. 686.
- WANGARAWA (Mandingoes), African tribe, xv. 475.
- WANGEN, lake-dwelling, Lake of Constance, xiv. 223.
- WANG KHAN, Prester John (*q.v.*), xvi. 745.
- WANJAB, river, Turkestan, xviii. 103.
- WANKS, river, Honduras, xii. 130.
- WANSBECK, river, England, xvii. 565.
- WANS DYKE, Wilts, England, xxiv. 594.
- WANSTEAD, town, England, xxiv. 343.
- WAN WANG, Chinese writer, v. 660.
- WANYORO, people, Central Africa, xxiii. 859.
- WAPENTAKE, English territorial division, xii. 360.
- WAPITI, kind of deer, vii. 24.
- WAPPLERITE, mineral, xvi. 404.
- WAR, xxiv. 343; English articles of, vi. 518; xvi. 296; use of balloons in, i. 199; influence of, on emigration, viii. 173; international law of, xiii. 193; laws and usages of, Lieber's code, xiv. 564; prizes of, xix. 766; tactics in battles, iii. 443.
- WARACABA, bird, xxiii. 595.
- WARAN, lizard, xiv. 734.
- WARANGAL, town, India, xxiv. 366.
- WARASDIN (Varasd), frontier generalate, Austria, xvi. 295; town, xxiv. 69.
- WARATAH, tree, New South Wales, xvii. 410.
- WARBECK, Perkin, claimant of English crown, viii. 329; xi. 662; in Scotland, xxi. 496; siege of Waterford by, xiii. 261.
- WARBLER, bird, xxiv. 366.
- WARBURTON, Egerton, Australian explorer, iii. 106.
- , Eliot Bartholomew George, Irish traveller and novelist, xxiv. 367.
- , William, bishop of Gloucester, controversialist, xxiv. 368.
- WARD, in law, xiii. 2.
- , Ann (Mrs Radcliffe), English novelist, xx. 211.
- , Edward Matthew, English painter, xxiv. 369.
- , James, English painter, xxiv. 369; xxi. 441, 444; his defence of beards, iii. 464.
- , Mrs, founder of the Jesuitesses, xvi. 713.
- , Seth, his controversies with Hobbes, xii. 36.
- , William, English engraver, xxiv. 369.
- WARDA, George, Syriac hymn-writer, xxii. 855.
- WAR-DANCES, vi. 799.
- WARDHA, district, India, xxiv. 370.
- WARDLEY, Jane, leader of the Shakers, xxi. 736.
- WARD OF COURT, in law, xiii. 2.
- WARDS AND LIVERIES, Court of, xiv. 115.
- WARE, town, England, xxiv. 370.

- WARENDORP, Brun, burgomaster of Lübeck, xv. 32.
- WARENS, Madame de, friend of Rousseau, XXI. 24.
- WARGENTIN, P. W., on the satellites of Jupiter, II. 757.
- WARHAM, William, archbishop of Canterbury, VIII. 414.
- WARING, Miss (Varina), object of Dean Swift's attentions, XXII. 765.
- WARMING, of hospitals, XII. 305.
- APPARATUS, XI. 590.
- WARMINSTER, town, England, XXIV. 370.
- WARNEFRID, father of Paul the Deacon, XVIII. 436.
- , Paul (Paulus Diaconus, *q.v.*), XVIII. 436; his book of homilies, XII. 125.
- WARNER, William, English pastoral poet, XVIII. 347.
- WARNERIUS, or Irnerius, Italian jurist, XIII. 277.
- WARNER OBSERVATORY, at Rochester, New York, U.S.A., XVII. 715.
- WARP, in weaving, XXIV. 463; ancient, XXIII. 206.
- WARPING, mode of irrigation, I. 405; XIII. 367.
- WARR, Peter de la, speaker of House of Commons, XVIII. 306.
- WARRANTICE, in Scots law, XXIV. 373.
- WARRANT, in law, XXIV. 371; for arrest, II. 630.
- WARRANTY, in law, XXIV. 372; of sale, XXI. 208.
- WARREE, ungulate mammal, XVIII. 449.
- WARREN, Mercy, American authoress, I. 722.
- , Samuel, English novelist, XXIV. 373.
- , Dr Samuel, Wesleyan seceder, XVI. 190.
- GIRDERS, for bridges, IV. 317.
- WARRINGTON, town, England, XXIV. 374.
- WARRINGTONITE, mineral, XVI. 402.
- WARS, drug, XIII. 831.
- WARSAW, government, Russian Poland, XXIV. 374.
- , town, Poland, XXIV. 375; observatory at, XVII. 714.
- , Prince of (Ivan F. Paskewitch), Russian general, XVIII. 340.
- WARS OF GRANADA, romance, XX. 659.
- WART, skin excrescence, XXIV. 377; XVIII. 378; XXII. 121.
- WARTA, river, Russian Poland, XIX. 307.
- WARTBURG, fortress, Germany, VII. 790; Luther's detention at, xv. 75.
- HILL, Germany, XXI. 349.
- WARTHE, river, Germany, XVII. 724.
- WART-HOG, ungulate mammal, XXII. 774.
- WARTON, Joseph, English man of letters, XXIV. 377.
- , Thomas (1688–1745), professor of poetry at Oxford, XXIV. 377.
- WARTON (1728–1790), Thomas, poet and author of History of English Poetry, XXIV. 378.
- WARWICK, county, England, XXIV. 378; XXI. 737; coalfield of, VI. 50; town, XXIV. 380.
- , Countess-dowager of, Addison's wife, I. 149.
- , Richard Nevil, earl of, XXIV. 381; VII. 685; VIII. 327, 328.
- CASTLE, England, XXIV. 380.
- WASA, province of Finland, IX. 217.
- WASEN, town, Switzerland, XXIV. 11.
- WASH, The, bay, Lincolnshire, England, XIV. 653.
- WASHBURNE, Mount, Wyoming, U.S.A., XXIV. 737.
- WASHBURN OBSERVATORY, at Madison, Wisconsin, U.S.A., XVII. 715.
- WASHING, Water for, XXIV. 399.
- WASHING-MACHINES, in bleaching, III. 816.
- WASHING OF FEET, Christian rite, xv. 635.
- WASHING SODA, XXII. 243.
- WASHINGTON, seat of government, United States, XXIV. 382; treaty of (1871), XXIII. 782; in 1810, XXIII. 757; Capitol at, II. 454; libraries, XIV. 535, 551; naval observatory, XVII. 715; telescope in observatory, XXIII. 150.
- , Territory, U.S.A., XXIV. 385.
- , George, first president of the United States, XXIV. 387; commander-in-chief, XXIII. 741; president, XXIII. 752; as author, I. 721.
- , Mount, New Hampshire, U.S.A., XVII. 390; XXIII. 792.
- ISLANDS, Marquesas group, Pacific, xv. 564.
- WASHITA, river, Louisiana, U.S.A., xv. 20.
- WASH-PUMPS, ore-dressers, XVI. 59.
- WASPS, group of insects, XXIV. 391; XII. 577; XIII. 148; honey of, XII. 136.
- , The, Aristophanes's comedy, II. 508.
- WASTE, in law, XXIV. 393.
- LANDS, Improvement of, I. 402.
- OF WATER, in cities, XXIV. 410.
- WEIR, IV. 785; XXIV. 408.
- WASUNGEN, town, Germany, XXI. 348.
- WA-SWAHILI, tribes, East Africa, XVII. 319.
- WATAUGA, river, Tennessee, U.S.A., Settlements on, XXIII. 178.
- WATCH, timepiece, XXIV. 394.
- WATCHMAKING, in Geneva, x. 148; in Switzerland, XXII. 779; at Waltham, U.S.A., XXIV. 339.
- WATELLEN, mountain, Sahara, Africa, XXI. 149.
- WATER, XXIV. 398; boiling point of, at different heights, III. 387; for brewing, IV. 273; composition of, v. 483; decomposition of, by galvanism, XVII. 487; density of, at different temperatures, XI. 585; XII. 460; density of, in Pacific Ocean, XVIII. 120; distillation of, VII. 263; filtration, IX. 166; hardness of, how remedied, v. 88; its action on lead, XIV. 378; mechanics of, XII. 435; its action on metals, XVI. 69; as a mineral, XVI. 385; movements of, in the Baltic Sea, III. 296; refractive power of, XIV. 591; resistance of, experiments on, XXI. 810; its action on rocks, x. 262, 267, 269; as medium of sound, I. 107; velocity of sound in, I. 104; ordeal by, XVII. 820; of rivers, rights in, xx. 565; of the sea, XXI. 611; XXIV. 398; Gay-Lussac on the composition of, x. 122; Thales's cosmic theory of, XXIII. 219.
- BEETLES, VI. 126, 130.
- WATER-BOK, antelope, II. 101.
- WATERBURY, town, Connecticut, U.S.A., XXIV. 400.
- WATER-CHAMBERS, in ships, XXI. 814.
- WATER CHESTNUT, tree, XVII. 664.
- WATER-CLOSETS, XXI. 716.
- WATER COLOURS, XIX. 86; painting in, XVIII. 139.
- WATER CRESS, plant, XII. 289; XVII. 239.
- WATER-CROW, bird, XVIII. 75.
- WATER-CURE, or Hydropathy, XII. 542.
- WATER ENGINES, XII. 519.
- WATERFORD, county, Ireland, XXIV. 400.
- , town, Ireland, XXIV. 401; newspapers, XVII. 423.
- WATER GAUGE, XII. 476.
- WATER-GLASS, XXII. 53.
- WATER-HEN, bird, XVI. 808.
- WATER HOG, rodent mammal, v. 80.
- WATER IN THE HEAD, disease, XII. 431.
- WATERLAND, Daniel, his controversy with Middleton, XVI. 282.
- WATERLANDERS, Dutch sect, XVI. 12.
- WATER-LILY, plant, XXIV. 402.
- WATERLOO, village, Belgium, XXIV. 402; battle of (1815), III. 444; VIII. 364; IX. 618; XVII. 224; XXIV. 497.
- , town, Iowa, U.S.A., XXIV. 402.
- LECTURES, Col. Chesney's, v. 591.
- WATERLOO-WITH-SEAFORTH, town, England, XXIV. 402.
- WATER-MARKS, in paper, XVIII. 218.
- WATER-MEADOWS, Irrigation of, XIII. 364, 367.
- WATERMEN, Thames, XXI. 30.
- WATER METERS, XII. 505; XXIV. 410.
- WATER-MOLE, monotreme mammal, XIX. 213.
- WATER MOTORS, XII. 519.
- WATER-NEWT, Great, amphibian, XXIII. 577.
- WATER-OUSEL, bird, XVIII. 75.
- WATER PIPES, Flow of water through, XII. 484; trap for, XXI. 714.
- WATER POET (John Taylor), XXIII. 95.
- WATER-POWER, in mechanics, xv. 773; XII. 519.

- WATERPROOF CLOTH, XII. 842.
 WATER-RAIL, bird, XX. 223.
 WATER-RAT, rodent mammal, XXIV. 277.
 WATERS, Mineral, XVI. 431.
 WATER-SHREW, insectivorous mammal, XXI. 844.
 WATERSPOUT, XVI. 130.
 WATER-SUPPLY, XXIV. 402; in relation to health, XII. 568.
 WATER-THRUSH, bird, XIX. 149.
 WATERTIGHT COMPARTMENTS, in ships, XXI. 816.
 WATERTON, Charles, English naturalist, XXIV. 410.
 —, Edmund, his collection of rings, XX. 561.
 WATERTOWN, town, New York, U.S.A., XXIV. 410.
 —, town, Wisconsin, U.S.A., XXIV. 411.
 WATERVLIET, Shaker settlement, U.S.A., XXI. 737.
 WATER VOLCANO (Volcano de Agua), Central America, I. 420; XI. 239.
 WATER-WAY, of ship, XXI. 819.
 WATER-WHEELS, XII. 438, 522; Poncelot's improvements in, XIX. 452.
 WATER-WORKS, XXIV. 406; at Chicago, v. 613; Glasgow, x. 642; London, XIV. 825; New York, XVII. 465; ancient Olympia, XVII. 769; Paris, XVIII. 279. See also Aqueduct.
 WATFORD, town, England, XXIV. 411.
 WATHIK BILLAH, caliph, XVI. 585.
 WATLING ISLAND, one of the Bahamas, Atlantic, III. 237.
 WATLING STREET, Roman road, England, XIV. 39; XVII. 568.
 WATSON, Elkanah, his forecasts as to population in U.S.A., XXIII. 818.
 —, George, Scottish painter, x. 782.
 —, Richard, bishop of Llandaff, controversialist, XXIV. 411.
 —, Robert Grant, on the races of Persia, XVIII. 627.
 —, Thomas, English pastoral poet, XVIII. 346.
 —, Sir William, his electrical experiments, VIII. 5.
 WATT, James, inventor of steam-engine, XXIV. 412; XXII. 475; his diagram of heat and work, XXIII. 284; on parallel motion, xv. 697; his partnership with Boulton, IV. 172.
 —, Robert, Scottish bibliographer, III. 660.
 WATTEAU, Antoine, French painter, XXIV. 414.
 WATTEVILLE, Montehréien de, French economist, XIX. 357.
 WATTS, Isaac, English divine and hymn-writer, XXIV. 415; hymns by, XII. 593.
 WAT TYLER, leader of English peasants' revolt, VIII. 319; XX. 541.
 WAUWYL, lake-dwelling, Switzerland, XIV. 223.
 WAVE, WAVES, in physics, XXIV. 415; of light, XIV. 603; of sound, I. 102; tidal, XXIII. 372; action of, x. 284; generation, height, and force of, XI. 456; motion of, XII. 457; xv. 686; effects of surface-tension on, v. 69; velocity of, XII. 436.
 WAVE-LENGTHS, of spectrum lines, XXII. 378.
 WAVELLITE, mineral, XVI. 405; XVIII. 818.
 WAVE-MAKING RESISTANCE, Law of, XXI. 810.
 WAVENEY, river, England, XXII. 621.
 WAVERLEY ABBEY, Surrey, England, XXII. 694.
 WAVERLEY NOVELS, Scott's, VIII. 434; XXI. 549.
 WAVERTREE, town, England, XXIV. 421.
 WAVE THEORY OF LIGHT, XXIV. 421.
 WAX, fatty solid, XXIV. 459; XVII. 739, 743; in plants, XII. 17; vegetable, of Japan, XIII. 591; white, of China, v. 638; use of, in encaustic painting, VIII. 186; beeswax, III. 486; bleaching of beeswax, III. 823.
 —, Sealing, XXI. 586.
 WAXBILL, bird, XXIV. 463.
 WAX CANDLES, IV. 803.
 WAX FIGURES, XXIV. 460.
 WAX-INSECTS, China, v. 634.
 WAXMUNDSKA, mountain, Carpathians, x. 25.
 WAXWING, bird, XXIV. 460; migrations of, III. 770.
 WAY, Right of, in law, XIX. 705.
 WAYMOUTH, George, Arctic explorer, XIX. 317.
 WAYSTRACT, Richard, Lollard preacher, XIV. 811.
 WAZAN, town, Morocco, XVI. 834.
 WAZIR (Vizier), Moslem officer, XXIV. 268; XVI. 591.
 WEALD, district, Sussex, England, XXII. 723.
 WEALDENBERG (Saffron Walden), ancient town, England, XXI. 146.
 WEALDEN ROCK, in geology, x. 357, 359.
 WEALTH, in economics, XXIV. 461; XIX. 347, 384.
 — OF NATIONS, Adam Smith's treatise, XIX. 366; XXII. 170.
 WEAPONS, of war, II. 553; early use of, VIII. 617; modern military, XXIV. 344.
 WEAR, river, England, XXII. 657.
 WEARING SHIP, XXI. 599.
 WEASEL, carnivorous mammal, XXIV. 462; xv. 440; XIX. 331.
 WEATHER, XVI. 157; its influence on mortality rates, III. 36.
 WEATHER-BOOK, Fitzroy's, IX. 272.
 WEATHER MAPS, XVI. 158.
 WEAVER, river, England, v. 589.
 WEAVER-BIRD, XXIV. 462.
 WEAVING, XXIV. 463; ancient, XXIII. 206.
 WEB, in weaving, XXIV. 463.
 —, Spider's, II. 295.
 WEBB, F. W., his compound locomotive engine, XXII. 521.
 —, Matthew, English champion swimmer, XXII. 771.
 WEBER, Aloysia, German vocalist, XVII. 10.
 —, Carl Maria Friedrich Ernst von, German composer, XXIV. 467.
 —, Constance, wife of Mozart, XVII. 10.
 —, Ernst Heinrich, on the circulation of the blood, XXIV. 97; his law of psycho-physics, XXIV. 470; his theory of reed-pipes, I. 115.
 —, Franz Anton von, German musician, XXIV. 467.
 —, Wilhelm, his contributions to the science of electricity, VIII. 10, 71; his theory of the magnetic molecule, xv. 276.
 WEBER'S LAW, of psycho-physics, XXIV. 469.
 WEBSTER, Daniel, American statesman, XXIV. 471; as orator, I. 722.
 —, John, English dramatist, XXIV. 473; VII. 432.
 —, Noah, American lexicographer, XXIV. 474; I. 722.
 —, Thomas, English painter, XXIV. 474.
 WECKHERLIN, Georg Rudolf, German writer, x. 530.
 WEDDAS (Veddahs), people of Ceylon, XXIV. 120.
 WEDDERBURN, Alexander (Earl of Rosslyn), lord chancellor of England, XXIV. 475.
 —, John, Scottish hymn-writer, XII. 591; XXI. 542.
 —, Robert, Scottish hymn-writer, XXI. 542.
 WEDDLE'S METHOD, of calculating logarithms, XIV. 779.
 WEDGWOOD, John, English potter, XIX. 632.
 —, Josiah, English potter, XXIV. 476; XIX. 632.
 —, Mr., on photography, XVIII. 821.
 WEDNESBURY, town, England, XXIV. 476.
 WEE DAVIE, Norman Macleod's tale, xv. 163.
 WEEK, of seven days, IV. 664; days of the, II. 740; astrological, XXI. 125.
 WEEKA, New Zealand bird, XVII. 723.
 WEEKLY MAGAZINES AND REVIEWS, XVIII. 536.
 WEEKLY REGISTER, Cobbett's newspaper, VI. 84; XVII. 419.
 WEEMS, or Picts' Houses, II. 339.
 WEERT, Jan de, Dutch writer, XII. 90.
 WEEVER, fish, XXIV. 477.
 WEEVIL, beetle, XXIV. 477; VI. 133; as vine pest, XXIV. 238.

- WEEVIL, Corn, as wheat pest, XXIV. 536.
 WEFT, in weaving, XXIV. 463; ancient, XXIII. 206.
 WEGIERSKI, Thomas Kajetan, Polish satirist, XIX. 303.
 WEGSCHEIDER, Julius August Ludwig, German theologian, XX. 290.
 WEGUELIN, T. M., on the Bank of England, III. 331.
 WEHRLITE, mineral, XVI. 381.
 WEIDA, town, Germany, XXI. 349.
 WEIDENHAUSEN, suburb of Marburg, Prussia, XV. 530.
 WEIGEL, Valentin, German mystic, XVII. 134.
 WEIGHING MACHINES, III. 261; XV. 771; XVI. 490; agricultural, I. 327.
 WEIGHT, Comparative, of bodies, Tables of, XII. 541; of materials for bridge-building, IV. 288.
 WEIGHT-MODULUS, VII. 807.
 WEIGHTS, Abbreviations of designations of, I. 29.
 — AND MEASURES, XXIV. 478.
 WEIMAR, town, Germany, XXIV. 491; XXI. 349; Goethe's residence in, X. 727.
 WEIR, in hydraulics, XII. 474; waste, IV. 785; XXIV. 408; on rivers, XX. 573.
 WEISENTHAL, Charles F., inventor of sewing machine, XXI. 718.
 WEISHAUP, Adam, German mystic, XII. 706.
 WEISS, Bernard Siegfried, German anatomist, I. 455.
 —, Christian Samuel, on crystals, VI. 674.
 WEISSENBERG (White Mountain), Bohemia, Battle of (1620), III. 861; XXIV. 328.
 —, spa, Switzerland, XVI. 433.
 WEISSENFELS, town, Prussia, XXIV. 491.
 WEISSENSTEIN, mountain, Switzerland, XXII. 250.
 WEISSGILTIGERZ, mineral, XVI. 395.
 WEISSITE, mineral, XVI. 418.
 WEISS-KUNIG, poetical autobiography, planned by emperor Maximilian I., XV. 644.
 WEKA, or Weeka, New Zealand bird, XVII. 723.
 WELDON RANGE-FINDER, XXIII. 126.
 WELD-SEED OIL, XVII. 744.
 WELHAVEN, Johann Sebastian Cammermejer, Norwegian poet and critic, XVII. 591.
 WELIZ, town, Russia, XXIV. 137.
 WELLAND, river, England, XIV. 654; XVII. 555; XXI. 114.
 — CANAL, Canada, XXI. 179.
 WELLESLEY, Richard Wesley, marquis of, English politician, XXIV. 491; governor-general of India, XII. 804.
 —, Henry, his *Anthologia Polyglotta*, II. 105.
 — PROVINCE, Straits Settlements, XXII. 586.
 WELLINGBOROUGH, town, England, XXIV. 492; XVII. 556.
 WELLINGTON, town, Shropshire, England, XXIV. 493.
 —, town, Somerset, England, XXIV. 493.
 —, town, New Zealand, XXIV. 493.
 —, Lake, Victoria, Australia, XXIV. 216.
 —, Arthur Wellesley, duke of, English general and statesman, XXIV. 493; in battle, III. 444; British army under, II. 571; in India, XII. 804; in Portugal, XIX. 551; his campaigns in Spain, XXII. 344; his relations with Sir Robert Peel, XVIII. 455; his victories, VIII. 364; at Waterloo, XVII. 224.
 WELLINGTONIA, genus of trees, XXI. 674; culture of, II. 319.
 WELLINGTON ISLAND, Patagonia, XVIII. 352.
 WELLS, for water-supply, XXIV. 404.
 —, town, England, XXIV. 499; sculptures in cathedral, XXI. 558.
 —, William Charles, English physician, XV. 816.
 WELS, fish, XXII. 67.
 WELSH, the name, VIII. 269; XXIV. 268.
 —, Mr, his balloon ascents, I. 195.
 — BARDS, III. 370; V. 318; VII. 791.
 — CALVINISTIC METHODISTS, XVI. 193.
 — CATTLE, I. 389.
 — LANGUAGE, V. 298; dictionaries of, VII. 188.
 — LAW CODE, XXI. 216.
 — LITERATURE, V. 314.
 — MORTGAGE, in law, IV. 254.
 — POETRY, VIII. 408.
 WELSHPOOL, town, Wales, XXIV. 500.
 WEN, disease, XVIII. 380.
 WENCESLAUS, German king and king of Bohemia, XXIV. 500; X. 495.
 —, king of Poland, XIX. 288.
 WENDISH LANGUAGE, XXII. 153; dictionaries of, VII. 188.
 WENDISH SWITZERLAND, district, Russia, XXI. 72.
 WENDS, Slavonic people, XXI. 353; XXII. 145, 147.
 WENGROFF, town, Russian Poland, XXII. 37.
 WENHAM'S AERO-PLANES, for flying machines, IX. 322.
 WENHAM'S PARABOLIC ILLUMINATOR, XVI. 272, 273.
 WENLOCK, town, England, XXIV. 501; abbey at, I. 15.
 WENTWORTH, Charles Watson, marquis of Rockingham, XX. 615.
 —, Thomas, earl of Strafford, English statesman, XXII. 584; VIII. 347.
 WENZEL, of Olmutz, German engraver, VII. 556.
 —, Karl Friedrich, German metallurgist, XXIV. 501; on chemical equivalents, V. 463.
 WERDAU, town, Saxony, XXIV. 501.
 WERE-WOLF, object of superstitious belief, XV. 89.
 WERGELAND, Henrik Arnold, Norwegian poet and dramatist, XVII. 590.
 WERNER, Abraham Gottlob, German geologist, XXIV. 502.
 —, Friedrich Ludwig Zacharias, German poet, XXIV. 502; X. 543.
 —, Johann, of Nuremberg, on navigation, XVII. 251, 256.
 — of Neustadt, his encaustic process, VIII. 186.
 WERNICKE, Christian, German writer, X. 532.
 WERNIGERODE, town, Prussia, XXIV. 502.
 WERRA, river, Germany, XXIV. 503.
 WERTHER, Goethe's work, X. 538, 725.
 WESEL, town, Prussia, XXIV. 502.
 —, John Kuchrath, German humanist, XXIV. 503.
 WESER, river, Germany, XXIV. 503; X. 449.
 WESLEY, Charles (1708-1788), English evangelist and hymn-writer, XXIV. 504; hymns by, XII. 594.
 —, Charles (1757-1815), English organist and composer, XXIV. 504.
 —, John, founder of Methodism, XXIV. 504; VIII. 355; hymns by, XII. 594; his relation to Methodism, XVI. 185; Spangenberg's relations with, XXII. 368; Whitefield's, XXIV. 551.
 —, Samuel (1662-1735), English theologian and poet, XXIV. 503.
 —, Samuel (1690-1739), English political critic and teacher, XXIV. 503.
 —, Samuel (1766-1837), English musical composer, XXIV. 504.
 WESLEYAN METHODISM, XVI. 186; XXIV. 504; rise of, VIII. 355.
 WESLEYAN REFORM UNION, XVI. 193.
 WESSEL (Wesselus Gansfortius), German humanist, XXIV. 504; XX. 325.
 —, J. H., Norse writer, VII. 91; XVII. 590.
 WESSELENYI, Baron Nicholas, Hungarian leader, XII. 371.
 WESSEX, kingdom, England, VIII. 270, 282, 284; under Alfred the Great, I. 506.
 WEST, Benjamin, American painter, XXIV. 505.
 WESTALL, Richard, English painter, XXIV. 506.
 WEST BAY CITY, Michigan, U.S.A., XXIV. 506.
 WEST BROMWICH, town, England, XXIV. 506.
 WESTBROOK, Harriet, wife of the poet Shelley, XXI. 790.
 WESTBURY, Lord, lord chancellor of England, XXIV. 506.
 WEST CHESTER, town, Pennsylvania, U.S.A., XXIV. 506; XVIII. 499.

- WEST DERBY, town, England, XXIV. 506.
- WESTERLAND, town, Sylt, Schleswig, XXII. 810.
- WESTERN AUSTRALIA, XXIV. 507; mines in, XVI. 471.
- WESTERN BANK, Scotland, III. 335.
- WEST HAM, town, England, XXIV. 509.
- WEST HARTLEPOOL, town, England, XI. 497.
- WEST HOUGHTON, town, England, XXIV. 509.
- WEST-INDIAN, The, comedy, by Cumberland, VI. 704.
- WEST INDIES, or West India Islands, XXIV. 509; I. 714; birds of, III. 748; XVIII. 16; buccaneers, IV. 408; proportion of coloured population, XVII. 320; Edwards's History of, VII. 688.
- WESTINGHOUSE BRAKE, on railway carriages, XX. 249.
- WESTMACOTT, Sir Richard, English sculptor, XXIV. 512.
- WESTMEATH, county, Ireland, XXIV. 512.
- WESTMINSTER, district of London, XIV. 821; St Peter's school at, XIV. 835.
- ABBEY, I. 14; XIV. 837, 843; architecture of, II. 427; Henry VII.'s tomb in, XXIII. 453; sculptures in, XXI. 558; under Dean Stanley, XXII. 452.
- ASSEMBLY (1643), XIX. 687.
- CLOCK, VI. 34.
- CONFESSION OF FAITH, V. 565.
- ELECTION (1784), IX. 497.
- HALL, Roof of, XXIV. 647.
- PALACE, London, XIV. 838.
- WESTMORLAND, county, England, XXIV. 513.
- WESTON, Sir Richard, on husbandry, I. 297.
- WESTON-SUPER-MARE, town, England, XXIV. 516.
- WEST-ÖSTLICHER DIVAN, Goethe's poems, X. 540, 735.
- WESTPHALIA, circle and duchy, XXIV. 517; congress of (1645), III. 268; VI. 269; peace of (1648), III. 126; IX. 571; X. 501; XV. 652.
- , kingdom, XXIV. 517.
- , province, Prussia, XXIV. 516.
- WESTPHAL'S COMET, VI. 193.
- WEST POINT, military academy, New York, U.S.A., XXIV. 517; II. 619; XII. 331.
- WESTPORT, town, Ireland, XV. 650.
- WEST PRUSSIA, or Westpreussen, province, Prussia, XX. 20.
- WESTRAY, island, Orkney, Scotland, XVII. 846.
- WESTROP, Henry, English symphonist, XVII. 97.
- WEST TROY, town, New York, U.S.A., XXIV. 517.
- WEST VIRGINIA, State, U.S.A., XXIV. 517; mineral springs of, XVI. 436.
- WESTWARD HO! C. Kingsley's novel, XIV. 89.
- WET-BULB THERMOMETER, VII. 218.
- WETSTEIN, John Jacob, Swiss Biblical critic, XXIV. 520.
- WETTE, Wilhelm Martin Leberecht de, German theologian, VII. 144; XVIII. 505; XX. 290.
- WETZLAR, district, Rhenish Prussia, XX. 20.
- WEXFORD, county, Ireland, XXIV. 521; town, XXIV. 522.
- WEXIONIUS, Olof, Swedish poet, XXII. 755.
- WEYDEN, Roger van der (c. 1400-64), Flemish painter, XXI. 439, 443; his connexion with Memling, XV. 846.
- , Roger van der (1450-1529), Flemish painter, XXI. 439, 443.
- WEYMOUTH, town, England, XXIV. 522.
- PINE, tree, XIX. 105.
- WEYPRECHT, Karl, Arctic explorations of, XIX. 323, 326.
- WEYSE, Christoph, Danish musical composer, VII. 94.
- WHALE, cetacean mammal, XXIV. 523; XV. 394; distribution of whales, VII. 280; extermination of, XIX. 126; food of, VI. 664; sense of touch in, XXIII. 479.
- WHALEBONE, XXIV. 528; XV. 394; XXII. 108.
- WHALE FISHERIES, XXIV. 526.
- WHALE OILS, XXIV. 529; XVII. 744.
- WHALESAY, island, Shetland, Scotland, XVII. 846.
- WHARF, or Quay, XI. 455.
- WHARTON, Marquises of, XXIV. 529.
- , Thomas, English anatomist, I. 811.
- WHATELY, Richard, archbishop of Dublin, XXIV. 529; on rhetoric, XX. 515.
- WHAUP, bird, VI. 711.
- WHEAT, plant and grain, XXIV. 531; XI. 57; cultivation of, I. 354; flour from, III. 251; IX. 346; experiments on, with different manures, XV. 507; price of, influenced by corn laws, VI. 409; starch from, XXII. 456; variation in, effected by climate, I. 85, 86; average yield of, I. 413; of India, XII. 747.
- WHEATEAR, bird, XXIV. 536.
- WHEAT FLOUR, III. 251; IX. 346.
- WHEATLEY, Francis, English painter, XXIV. 537.
- , Phillis, American authoress, I. 722.
- WHEAT-MIDGE (Hessian Fly), insect, XI. 781; XXIV. 535.
- WHEATON, Henry, American jurist, XXIV. 537.
- WHEAT PESTS, XXIV. 534.
- WHEAT STARCH, XXII. 456.
- WHEATSTONE, Sir Charles, English physicist, XXIV. 537; his electric bridge, VIII. 13; XXIII. 116; his magic lyre experiment, XXIII. 127; invention of stereoscope by, XXII. 538; his telegraphic apparatus, XXIII. 113, 120.
- WHEELER, William A., vice-president of the United States, XXIII. 790.
- WHEELING, town, West Virginia, U.S.A., XXIV. 538.
- WHEEL-MAPS, XV. 518.
- WHEELS, XV. 755; of clocks, VI. 32; of railway rolling stock, XX. 245, 247; over-balancing, perpetual-motion attempts with, XVIII. 554.
- WHEEL-STONES, XV. 528.
- WHEENERD, bird, XX. 318.
- WHELK, mollusc, XVI. 646; fishery, IX. 265.
- WHERNSIDE, mountain, England, XXIV. 746.
- WHERRY, boat, XXI. 30.
- WHETSTONE, XII. 134.
- WHEW, WHEWER, bird, XXIV. 561.
- WHEWELL, William, English philosopher, XXIV. 539; his anemometer, II. 25; ethics of, VIII. 605.
- WHEWELLITE, mineral, XVI. 428.
- WHEY, of milk, XVI. 304; composition of, V. 455.
- WHIGGAMORE RAID, Scotland, XXI. 514.
- WHIGS, political party, in England XXIV. 540; VIII. 350, 353, 359, 361; in United States, XXIII. 757, 764.
- WHIMBREL, bird, VI. 711.
- WHIN, shrub, IX. 851; as forage plant, I. 378.
- WHINDLE, bird, XX. 318.
- WHIPPLE, Edwin Percy, American critic, I. 724.
- WHIP-POOR-WILL, bird, X. 711.
- WHIP SNAKE, XXII. 195.
- WHIP-WORM, parasite, XXIV. 206; disease caused by, XVIII. 270.
- WHIRLPOOL, XXIV. 540.
- WHIRLWIND, XVI. 129; of Egypt, VII. 703.
- WHISKEY-JACK, bird, XIII. 611.
- WHISKY, or Whiskey, distilled spirit, XXIV. 542; pathological effects of, XVIII. 407; distillation of, VII. 264; distillation in Ireland, XIII. 233.
- WHIST, card game, XXIV. 543.
- WHISTON, William, English divine and mathematician, XXIV. 548; his method for finding longitude, XVII. 257; VII. 291; his magnetic experiments, XV. 236.
- WHIST-PLAYING AUTOMATON, XV. 210.
- WHITBOURNE, Captain Richard, governor, Newfoundland, XVII. 385.
- WHITBY, town, England, XXIV. 548; monastery of, XI. 813.
- WHITCHURCH, town, England, XXI. 848.
- WHITE, Pigments of, XIX. 86.

- WHITE, Benjamin, English naturalist publisher, XXIV. 549.
 —, Gilbert, English naturalist, XXIV. 549; on birds, XVIII. 9.
 —, Henry, English meteorologist, XXIV. 549.
 —, John, English naturalist, XXIV. 549.
 —, Joseph Blanco, author, XXIV. 550.
 —, Robert, English engraver, XXIV. 550.
 —, Thomas, English scientist, XXIV. 549.
 — ANTS, insects, I. 260; XIII. 146, 152.
 WHITEBAIT, fish, XXIV. 550; fishery, IX. 255.
 WHITEBOY SOCIETY, Ireland, XIII. 270.
 WHITE CANONS, or Præmonstratensians (*q.v.*), monastic order, I. 20.
 WHITE CART, river, Scotland, XX. 395.
 WHITE DOE OF RYLSTONE, Wordsworth's poem, XXIV. 676.
 WHITE-EYE, bird, XXIV. 824.
 WHITEFIELD, town, England, XXIV. 551.
 —, George, English preacher, XXIV. 551; VIII. 355; XVII. 376.
 WHITEFISH, XXIV. 552.
 WHITEHALL, Government offices, London, XIV. 839, 847.
 — BANQUETING HOUSE, II. 443.
 WHITEHAVEN, town, England, XXIV. 552.
 WHITEHEAD, bird, XVIII. 52.
 — TORPEDO, XXIII. 450; XVII. 285.
 WHITE HORDE, of Mongols, XVI. 747.
 WHITE HORSE HILL, Berkshire, England, III. 593.
 WHITE HORSE VALE, England, Stone alignments in, XXI. 51.
 WHITE HOUSE, Washington, U.S.A., XXIV. 384.
 WHITEHURST, Mr, his hydraulic ram, IV. 173.
 WHITE LEAD, XIV. 378.
 WHITE LEG, disease, XXII. 684.
 WHITE LIGHT, XIV. 596, 607.
 WHITELOCK, General, Capitulation of, at Buenos Ayres, II. 490.
 WHITELOCKE, Bulstrode, English Commonwealth politician, XXIV. 552.
 WHITE MAGIC, XV. 207.
 WHITE MOUNTAINS, New Hampshire, U.S.A., XVII. 390; XXIII. 792.
 WHITE PINE, tree, XIX. 105.
 WHITE PLAINS, New York, Provincial congress at (1776), XVII. 455.
 WHITE ROCK, form of basalt, X. 311.
 WHITE SEA, Russia, XXI. 67, 72, 73; fisheries in, XXI. 582.
 WHITE'S TACKLE, in mechanics, XV. 763.
 WHITE SULPHUR SPRINGS, Virginia, U.S.A., XVI. 436.
 WHITE SWELLING, disease, XVIII. 405.
 WHITETHROAT, bird, XXIV. 553.
 WHITE TRAP, rock, X. 311.
 WHITFIELD, or Whitefield (*q.v.*), George, English preacher, XXIV. 551.
 —, John Clarke, English organist and musical composer, XXIV. 553.
 WHITGIFT, John, archbishop of Canterbury, XXIV. 554; VIII. 377.
 WHITHORN, town, Scotland, XVII. 513; XXIV. 563; monastery of, XVI. 706.
 WHITING, fish, XXIV. 554; XII. 691.
 —, abbot of Glastonbury, England, I. 24.
 WHITING-POUT, fish, XIX. 650.
 WHITLOW, disease, XXIV. 554.
 WHITMAN, Marcus, colonizer in Oregon, U.S.A., XVII. 825.
 —, Walt, American poet, I. 733.
 WHITNEY, William Dwight, on classification of religions, XX. 365; on languages of American Indians, I. 689.
 WHITNEYITE, mineral, XVI. 393.
 WHITSTABLE, town, England, XXIV. 555.
 WHITSUNDAY, XXIV. 555; XV. 648.
 WHITSUNTIDE, in England, in time of Shakespeare, XXI. 750.
 WHITTAKER, James, Shaker leader, XXI. 737.
 WHITTIER, John Greenleaf, American poet, I. 734.
 WHITTINGTON, town, England, XXIV. 555.
 —, Sir Richard, lord mayor of London, XXIV. 555.
 — AND HIS CAT, Legend of, XXIV. 556.
 WHITTLESEA MERE, England, Drainage of, IV. 728.
 WHITWORTH, town, England, XXIV. 556.
 —, Sir Joseph, his experiments on projectiles, I. 745.
 WHOOPER, bird, XXII. 731.
 WHOOPING-COUGH, disease, XII. 154.
 WHORL, spinning apparatus, XIV. 664.
 WHORTLEBERRY, shrub, XXIV. 556.
 WHY COME NOT YE TO COURT? Skelton's song, XXII. 120.
 WHYDAH, town, Dahomey, Africa, VI. 765.
 WHYMPER, Edward, his expedition to Greenland, XIX. 324.
 WHYTOCK, Richard, his carpet-weaving process, V. 130.
 WIBERT of Ravenna (Clement III., antipope), XI. 255.
 WIBORG, province, Finland, IX. 217; town, XXIV. 209.
 WICHE'S LAND, island, Spitzbergen, XXII. 408.
 WICHITA, town, Kansas, U.S.A., XXIV. 556.
 WICK, of candle, IV. 803; of lamp, XIV. 245.
 —, town, Scotland, XXIV. 556.
 WICKER-WORK, III. 421.
 WICKLIFFE, or Wycliffe (*q.v.*), John, English Reformer, XXIV. 708.
 WICKLIFFE'S BIBLE, VIII. 383.
 WICKLOW, county and town, Ireland, XXIV. 557.
 WICKSTEED, J. H., his single-lever testing machine, XXII. 596.
 WIDALIN, John, Icelandic bishop, XII. 626.
 WIDDIN, town, Bulgaria, XXIV. 558.
 WIDE-AWAKE, bird, XXIII. 189.
 WIDGEON, bird, VII. 506.
 WIDIN, or Widdin, town, Bulgaria, XXIV. 558.
 WIDMANNSTÄTTEN FIGURES, on meteoric irons, XVI. 113.
 WIDNES, town, England, XXIV. 558.
 WIDOW, Marriage of, among Jews, XXI. 111.
 WIDOW-BIRD, XXIV. 463.
 WIDOW'S QUARANTINE, in law, XX. 158.
 WIED, Counts of, Rhenish Prussia, XVII. 366.
 WIEDEMANN, Gustav Heinrich, his magnetic researches, XV. 253.
 WIELAND, in German mythology, XI. 679.
 —, novel by C. B. Brown, IV. 383.
 —, Christopher Martin, German man of letters, XXIV. 558; X. 535; as translator of Shakespeare, VII. 442.
 WIELICZKA, Poland, Salt-mine at, XXI. 230.
 WIEN (Vienna, *q.v.*), XXIV. 219.
 —, river, Austria, XXIV. 219.
 WIENER-NEUSTADT, town, Austria, XVII. 365.
 WIEPRZ, river, Poland, XIX. 307.
 WIERZBOŁOWO, town, Russian Poland, XXII. 728.
 WIERZ-YARVI, lake, Russia, XIV. 724.
 WIESBADEN, district, Germany, XVII. 238.
 —, town, Germany, XXIV. 559; mineral water of, XVI. 434.
 WIESELGREN, Per, Swedish historian, XXII. 758.
 WIFE, WIVES, Laws relating to, XII. 400; XV. 565; XXIV. 637.
 WIG, of artificial hair, XXIV. 560.
 WIGAN, town, England, XXIV. 560.
 WIGEON, bird, XXIV. 561.
 WIGHT, Isle of, England, XXIV. 561.
 WIGRY, lake, Russian Poland, XIX. 308.
 WIGTOWN, county, Scotland, XXIV. 562; town, XXIV. 563.
 WILBERFORCE, Samuel, bishop of Oxford, XXIV. 564.
 —, William, English philanthropist, XXIV. 565; his opposition to the slave trade, XXII. 139.
 WILCEK LAND, Polar Regions, Discovery of, XIX. 324.
 WILDALLE, Giuseppe Pinetti de, Italian conjurer, XV. 208.

- WILDBAD, Salzburg, Austria, Mineral springs at, X. 107.
- , town, Württemberg, XXIV. 565; mineral water of, XVI. 433.
- WILD CATTLE, V. 245; XI. 411; XVII. 566.
- WILD DUCK, VII. 505.
- WILDE, Richard H., American writer, I. 723.
- WILDEGG, spa, Switzerland, XVI. 434.
- WILDFIRE, or Summer Lightning, XXIII. 330.
- WILD HUNTSMAN, legend, XIII. 674.
- WILDSPITZ, mountain, Tyrol, I. 629.
- , mountain, Switzerland, XXIV. 826.
- WILDUNGEN, spa, Germany, XXIV. 321; XVI. 433.
- WILFRID, archbishop of York, XXIV. 565; XVII. 569.
- WILHELM of Herle, German painter, XXI. 438, 443.
- MEISTER, Goethe's work, X. 732.
- WILHELMHAVEN, or Wilhelmshafen, town, Germany, XXIV. 566; XVII. 757; observatory at, XVII. 713.
- WILHELMSHÖHE, palace, Cassel, Germany, V. 183.
- WILHELMSTHAL, Prussia, Battle of (1762), III. 129.
- WILHELM TELL, Schiller's drama, XXI. 398.
- WILBALD ALEXIS (Wilhelm Häring), German novelist, XI. 479.
- WILKES, John, English politician, XXIV. 566; VIII. 358; XXIII. 444.
- WILKESBARRE, town, Pennsylvania, U.S.A., XXIV. 568.
- WILKIE, Sir David, Scottish painter, XXIV. 568.
- WILKINS, Bishop John, author of Mathematical Magic, XVIII. 554.
- WILKOMIERZ, town, Russia, XXIV. 226.
- WILL, or Testament, in law, XXIV. 570; in Roman law, XX. 674, 691, 706, 713.
- , in Schopenhauer's philosophy, XVIII. 687; XXI. 453, 457; his work, The World as Will and Idea, XVIII. 687; XXI. 450.
- , Freedom of the, views of moralists on the, VIII. 608; Cousin's doctrine, VI. 525; Descartes's, V. 146; Edwards's, VII. 690; Epictetus's, VIII. 471; Hobbes's, XII. 36; Kant's, XIII. 853; XVI. 84; Leibnitz's, XIV. 422; Malebranche's, V. 150; Spencer's, XXI. 457; Spinoza's, V. 158; St Paul's, XVIII. 427.
- WILLAMETTE, river, Oregon, U.S.A., XVII. 822.
- WILLAN, Robert, English physician, XV. 816.
- WILLEHALM, Wolfram's legendary history, XXIV. 632.
- WILLEMITE, mineral, XVI. 410; XXIV. 785.
- WILLEM THE MINSTREL, Dutch writer, XII. 90.
- WILLENHALL, town, England, XXIV. 574.
- WILLESSEN, town, England, XXIV. 574.
- WILLIAM I., the Conqueror, king of England, XXIV. 574; VIII. 289, 291, 301; XVII. 542; his Domesday Book, VII. 349; his relation to the English Church, XIV. 283.
- II., Rufus, of England, XXIV. 576; VIII. 292, 301; his contest with the popedom, II. 91.
- III., of England, XXIV. 578; VIII. 351; XII. 81; his war with France, IX. 576; his relations with Ireland, XIII. 268; with Scotland, XXI. 517; with Spain, XXII. 335.
- IV., of England, XXIV. 580; VIII. 365.
- IV., landgrave of Hesse, XXIV. 582.
- I., count of Holland, XII. 71.
- II., count of Holland, and German king, XXIV. 584; X. 491; XII. 71.
- III.-VI., of Holland, XII. 72.
- I., the Silent, prince of Orange, regent of Holland, XXIV. 582; XII. 76.
- II., stadtholder of Holland, XII. 79.
- III., stadtholder of Holland, XII. 81.
- IV., stadtholder of Holland, XII. 82.
- V., stadtholder of Holland, XII. 82.
- I., king of Holland, XXIV. 584; XII. 83.
- II.-III., kings of Holland, XII. 83.
- IX., count of Poitiers, Provençal poet, XIX. 872.
- I., king of Prussia and German emperor, XXIV. 581; XX. 12; X. 513.
- , the Lion, king of Scotland, XXI. 484; I. 487.
- , king of Sicily, XXII. 26.
- of Auvergne, scholastic philosopher, XXI. 427.
- of Champeaux, scholastic philosopher, III. 602; XXI. 422.
- of Cologne, German painter, XXI. 438, 443.
- of Lamberton, bishop of St Andrews, XX. 593.
- of Lorris, French romancist, XXIV. 584; IX. 643.
- of Malmesbury, historical writer, XV. 336.
- of Newburgh, English chronicler, XXIV. 585.
- of Occam, scholastic philosopher, XXI. 430; on the idea of God, XXIII. 241.
- of Rubruk (Rubruquis, *q.v.*), Franciscan traveller, XXI. 46.
- of Saint-Calais, bishop of Durham, XXIV. 577.
- of Saliceto, Italian surgeon, XXII. 675.
- WILLIAM of Tyre, mediæval historian, XXIV. 584.
- of Wykeham, bishop of Winchester, and chancellor of England, XXIV. 585.
- AND MARY COLLEGE, Virginia, U.S.A., XXIII. 732.
- DE CHARTRES, grand-master of Knights Templars, XXIII. 162.
- FITZ OSBERT, leader of a revolt in London, VIII. 305.
- LONGSWORD, duke of Normandy, XVII. 540.
- WILLIAMS, Edward, on Welsh literature, V. 314.
- , Frederick G., Mormon leader, XVI. 826.
- , John, English missionary, XXIV. 586.
- , Lieutenant, friend of Shelley, XXI. 792.
- , Roger, American colonist and Puritan pastor, XXIV. 586; founder of Rhode Island settlement, XX. 524; founder of Baptists in America, III. 356.
- , Sir William Fenwick, English general, XIV. 6.
- , Mount, Victoria, Australia, XXIV. 215.
- WILLIAMSBURG, town, Virginia, U.S.A., XXIV. 261.
- CANALS, St Lawrence, Canada, XXI. 181.
- WILLIAMSON, Joseph, English news-letter writer, XVII. 414.
- , Peter, founder of penny post in Edinburgh, XIX. 566.
- WILLIAMSPORT, town, Pennsylvania, U.S.A., XXIV. 587.
- WILLIAMSTOWN, Massachusetts, U.S.A., Observatory at, XVII. 715.
- , suburb of Melbourne, Victoria, Australia, XV. 835.
- WILLIBRORD, St, apostle of the Frisians, XXIV. 587; IX. 788.
- WILLIMANTIC, town, Connecticut, U.S.A., XXIV. 587.
- WILLIS, John, English stenographer, XXI. 836, 837.
- , Nathaniel Parker, American writer, XXIV. 587; I. 727.
- , Thomas, English physician, XXIV. 588, 815; I. 811; XV. 811.
- WILLISTON, Samuel, button manufacturer, IV. 599.
- WILLMORE, James Tibbits, English engraver, XXIV. 588.
- WILLOCK, bird, XI. 262; XX. 302.
- WILL-O'-THE-WISP, or Ignis Fatuus, XVIII. 813.
- WILLOUGHBY, Lord, governor of Barbados, III. 360.
- , Sir Hugh, English navigator, X. 183; XIX. 316.
- WILLOW, tree, XXIV. 588; culture of, II. 318; for wicker-work, III. 422; bark of, for tanning, XIV. 382.

- WILLS, William John, Australian explorer, III. 106.
- WILLUGHBY, Francis, English naturalist, XXIV. 589; on birds, XVIII. 4; on ichthyology, XII. 631.
- WILMINGTON, town, Delaware, U.S.A., XXIV. 589.
- , town, North Carolina, U.S.A., XXIV. 589.
- WILMOT, John, earl of Rochester, English poet, XX. 614.
- PROVISIO, in United States history, XXIII. 768.
- WILNO, or Vilna, government, Russia, XXIV. 233; town, XXIV. 234.
- WILSON, Alexander, Scottish-American naturalist, XXIV. 590; on American ornithology, XVIII. 16.
- , Dr Alexander, on sun-spots, II. 785.
- , Allan R., improver of sewing machine, XXI. 719.
- , Florence (Volusenus), Scottish humanist, XXIV. 296; XXI. 541.
- , Henry, vice-president of the United States, XXIV. 590.
- , Horace Hayman, English Orientalist, XXIV. 590.
- , James, American judge, XXIII. 748.
- , James, Scottish naturalist, XXIV. 591; on ornithology, XVIII. 13.
- , John, Scottish man of letters, XXIV. 591.
- , John, of Ainsworth, his improvements in cotton manufacture, VI. 489.
- , Richard, English painter, XXIV. 593; XXI. 441, 444.
- , William, Scottish Seceder, XXIII. 728.
- WILSON'S PEAK, Rocky Mountains, U.S.A., XXIII. 796.
- WILSON'S PROMONTORY, Victoria, Australia, XXIV. 215.
- WILTON, town, England, XXIV. 595.
- CARPETS, V. 130.
- WILTS, county, England, XXIV. 593.
- WIMBLE, mining implement, XVI. 443.
- WIMBLEDON, town, Surrey, XXIV. 595.
- COMMON, near London, XIV. 824; rifle meetings on, XXIV. 295.
- WIMBORNE MINSTER, town, England, XXIV. 595; VII. 372.
- WINCEBY, England, Battle of (1643), VI. 599.
- WINCHCOMBE, John (Jack of Newbury), English weaver, XVII. 375.
- WINCHELSEA, town, England, XXII. 724.
- WINCHESTER, town, England, XXIV. 596; architecture of cathedral, II. 426, 428; crypt of cathedral, VI. 668; Saxon standards of measure kept at, XXIV. 483.
- , town, Virginia, U.S.A., XXIV. 597.
- COLLEGE, England, XXIV. 586, 596.
- WINCHESTER OBSERVATORY, at Yale College, Connecticut, U.S.A., XVII. 715.
- WINCKELMANN, Johann Joachim, German archæologist, XXIV. 597; II. 344; X. 535; on plastic beauty, I. 219; his system of mnemonics, XVI. 533.
- WIND, WINDS, XVI. 143, 154, 180; relation of, to climate, VI. 6; force of, XVI. 124; geological action of, X. 265; Buys-Ballot's law of the winds, III. 29; measurer of force of, II. 24; in navigation, XVII. 275; Kant on theories of, XIII. 847.
- WIND-CARRIAGE, Invention of, by Stevinus, XXII. 545.
- WIND DOGS, in meteorology, XI. 399.
- WINDERMERE, Lake, England, XIV. 252; XXIV. 513.
- WINDHAM, Sir William, Bolingbroke's letter to, IV. 6.
- , William, English politician, XXIV. 598.
- WINDHOVER, bird, XIV. 53.
- WINDING MACHINERY, in mines, XVI. 456.
- WINDLASS, IV. 621; differential, XV. 763; Spanish, XXI. 591.
- WINDMILL, XXIV. 599; XV. 773.
- WINDOWS, in building, IV. 493, 496; glass for, X. 660; stained, manufacture of, X. 668; tracery on, IV. 475; ventilation by, XXIV. 160.
- WINDPIPE, or Trachea, XX. 475; of mammals, XV. 365.
- WINDRUSH, river, England, XVIII. 93; XXIII. 220.
- WINDSOR, town, England, XXIV. 600; libraries, XIV. 545; tapestry manufacture, XXIII. 213.
- , town, Ontario, Canada, VII. 133.
- , town, Nova Scotia, XVII. 603.
- CASTLE, England, XXIV. 601; organ of St George's Chapel at, XVII. 835, 837.
- FOREST, Pope's poem, XIX. 484.
- WINDWARD ISLANDS, West Indies, XXIV. 510; III. 749.
- WINE, XXIV. 601; adulterations of, I. 173; fermentation of, IX. 92, 97; Canary, IV. 797; Catawba, V. 219; production in Europe, VIII. 691; production in Italy, XIII. 451; of Madeira, XV. 178; the industry in Spain, XXII. 299; of Würtemberg, XXIV. 700; sacramental, XXI. 134; XXIII. 159.
- TONNERS, English trading company, I. 173.
- WINFRID (St Boniface), apostle of Germany, IV. 33; X. 478; as papal legate, XIX. 494.
- WINGS, of birds, III. 720; IX. 308; of Chiroptera, XV. 405; of insects, XIII. 144; IX. 310.
- WINILIS, Scandinavian tribe, XIV. 813.
- WINKELRIED, Arnold von, Legend of, XXIV. 612.
- WINKLER, friend of Lessing, XIV. 480.
- WINNEBAGOES, American-Indian tribe, XII. 832.
- WINNECKE, Friedrich August Theodor, astronomer, XVIII. 248; his comet, VI. 192.
- WINNEMUCCA, Lake, Nevada, U.S.A., XVII. 367.
- WINNIPEG, town, Manitoba, Canada, XXIV. 613; XV. 491; XX. 315.
- WINNOWER MACHINES, I. 326.
- WINONA, town, Minnesota, U.S.A., XXIV. 613.
- WINSLOW, Edward, Mayflower pilgrim, XXIV. 613.
- , Jacques, anatomist, I. 814.
- WINTER, Peter, German dramatic composer, XXIV. 614.
- WINTERBERG, plateau, Westphalia, Germany, XXIV. 516.
- WINTER-BERRY, tree, II. 320.
- WINTERTHUR, town, Switzerland, XXIV. 614; its relations with Zurich, XXIV. 831.
- WINTHER, Christian, Danish writer, VII. 92.
- WINTHROP, John (1587-1649), Puritan, governor of Massachusetts, U.S.A., XXIV. 614; IV. 72.
- , John (1606-1676), Puritan, governor of Connecticut, U.S.A., XXIV. 614.
- , Theodore, American writer, I. 727.
- WINTON, or Wyntoun, Andrew, Scottish writer, XXIV. 712; his Cronykil, III. 364; XXI. 540.
- WINYAW BAY, South Carolina, U.S.A., XXII. 287.
- WINZET, Ninian, Scottish controversialist, XXI. 542.
- WIRE, XXIV. 614; elasticity of, VII. 800, 803, 817; fences of, I. 310; table of strength of, XVI. 65; telegraphic, XXIII. 114; telephonic, XXIII. 132.
- WIRE-DRAWING, Brass, IV. 217.
- , of steam, XXII. 487.
- WIRE FENCES, I. 310.
- WIRE NAILS, XVII. 166.
- WIRE-NETTING, XVII. 360.
- WIRE-ROPE, XX. 846.
- WIRE-WORM, insect larva, VI. 132; as wheat pest, XXIV. 536.
- WIRZBERG (Würzburg), town, Bavaria, XXIV. 704; XIV. 547.
- WISBECH, or Wisbeach, town, England, XXIV. 615.
- WISBY, town, Gotland, Sweden, XXIV. 616.
- SEA LAWS, XXI. 585.
- WISCONSIN, State, U.S.A., XXIV. 616.
- WISDOM, or Hokmah, in Hebrew literature, XI. 599; XIII. 420, 702; XIX. 872.
- , or *φρόνησις*, in ancient ethics, VIII. 574; in Socratic philosophy, XXII. 237; XIX. 195.
- OF GOD, Ray's work, XX. 301.

- WISDOM OF JESUS, SON OF SIRACH, in Apocrypha, II. 181.
- WISDOM OF SOLOMON, in Apocrypha, II. 181.
- WISE, John, American aeronaut, I. 193.
- WISEMAN, Richard, English surgeon, XXII. 676.
- WISERINE, mineral, XVI. 403.
- WISHART, George, Scottish martyr, III. 466; XXI. 499.
- WISHAW, town, Scotland, XXIV. 619.
- WISLICA, Statute of, Poland, XIX. 288.
- WISMAR, town, Germany, XXIV. 619.
- WISNIOWIECKI, Michael, king of Poland, XIX. 295.
- WIT, in phrenology, XVIII. 845.
- , Johan de, on life annuities, II. 78.
- WITAN, or Witenagemot, early English council, XVIII. 302.
- WITCHCRAFT, XXIV. 619; II. 204; VII. 63; XV. 199; lycanthropous, XV. 89; in the Scottish Highlands, X. 9; torture applied in trials for, XXIII. 465; Bodin's belief in, III. 848.
- WITCHES' CALDRON, in Shakespeare's Macbeth, XV. 202.
- WITCH OF ATLAS, The, by Shelley, XXI. 793.
- WITCH OF EDMONTON, Ford and Dekker's play, IX. 396.
- WITCH SABBATHS, in legend, XIII. 674.
- WITENAGEMOT, early English council, VIII. 276; XVIII. 302, 459, 461.
- WITHAM, river, England, XIV. 654.
- , England, Monastery of, I. 21.
- WITHAMITE, mineral, XVI. 409.
- WITHER, George, English poet, XXIV. 623; as hymn-writer, XII. 591; as pastoral poet, XVIII. 347.
- WITHERINGS, Thomas, English postal reformer, XIX. 563.
- WITHERITE, mineral, XVI. 398.
- WITHINGTON, town, England, XXIV. 623.
- WITIZA, reforming Benedictine monk, XVI. 707.
- WITNESS, in law, XXIV. 623; VIII. 743; XIX. 777.
- WITSIUS, Hermann, Dutch theologian, XXIV. 625.
- WITT, Cornelius de, Dutch burgomaster, VII. 145.
- , John de, Dutch statesman, VII. 145; XII. 80.
- WITTEKIND, or Wittikind, Saxon leader, V. 403; XXI. 351.
- WITTEN, town, Prussia, XXIV. 625.
- WITTENBERG, town, Prussia, XXIV. 625; university of, XXIII. 843, 848.
- CONCORDIA, of German Protestants, XV. 83.
- THESES, Luther's, XV. 72.
- WITTICH, Christoph, Cartesian philosopher, VII. 126.
- , of Breslau, his calculation by prosthaphæresis, XVII. 183.
- WITTICHENITE, mineral, XVI. 395.
- WITTIKIND, or Wittekind, Saxon leader, V. 403; XXI. 351.
- WITTOW, district, Rügen, Prussia, XXI. 56.
- WITWICKI, Polish poet, XIX. 304.
- WIVELISCOMBE, town, England, XXII. 258.
- WIVES, Laws relating to, XII. 400; XV. 565; XXIV. 637.
- AND DAUGHTERS, Mrs Gaskell's novel, X. 105.
- WLADISLAWOW, town, Russian Poland, XXII. 728.
- WLADYSLAW I., king of Poland, XIX. 287.
- II., of Poland, XIX. 288.
- III., of Poland, XIX. 289.
- IV., of Poland, XIX. 294.
- WLOCLAWEK, town, Russian Poland, XXIV. 625.
- WLODAWA, town, Russian Poland, XXII. 37.
- WOAD, dye, VII. 576.
- WOBURN, town, Massachusetts, U.S.A., XXIV. 625.
- ABBEY, England, III. 483.
- WOELFL, Joseph, Austrian pianist and composer, XXIV. 626.
- WOEPCKE, François, on numerals, XVII. 627.
- WOGAN, cave, Pembroke, Wales, XVIII. 483.
- WÖHLER, Friedrich, German chemist, XXIV. 626; on the strength of metals, XXII. 601.
- WÖHLERITE, mineral, XVI. 426.
- WOHLGEMUTH, Michael, German painter, XXIV. 627; VII. 555; XVII. 663; XXI. 565.
- WOLBOROUGH, town, England, XVII. 449.
- WÖLCHITE, mineral, XVI. 395.
- WOLCOT, John (Peter Pindar), English painter and satirist, XXIV. 628.
- WOLDS, The, hills, England, XIV. 653.
- WOLF, carnivorous mammal, XXIV. 628; XV. 438; affinities of, to the dog, VII. 324; skins of, IX. 839; of India, XII. 741; superstitions regarding (lycanthropy), XV. 89; worship of, XXI. 135.
- , Friedrich August, German scholar, XXIV. 629; his Prolegomena on Homer, XII. 115.
- , Joseph, illustrator of birds, XVIII. 12.
- WOLF-DOG, VII. 326.
- WOLFE, Charles, Irish poet, XXIV. 630.
- , James, English general, XXIV. 630.
- WOLFENBÜTTEL, town, Germany, XXIV. 631; library, XIV. 547.
- FRAGMENTS, deistical writings, XX. 352; published by Lessing, X. 536; XIV. 481.
- WOLFF, Albert, German sculptor, XXI. 566.
- , Betjen, Dutch writer, XII. 96.
- , Caspar Friedrich, German embryologist, XXIV. 631; VIII. 165; XVI. 839; on evolution, VIII. 745, 750.
- WOLFF, Christian, German philosopher, XXIV. 631; X. 532; Kant's relations to, XIII. 849; on rationalism, XX. 289.
- , Elizabeth, Dutch novelist, III. 511.
- WOLF-FISH, XII. 690; XXI. 614.
- WOLF OF BADENOCH (Sir Alexander Stuart), Scottish noble, XXII. 610.
- WOLFRAM, Dutch logarithmist, XIV. 776.
- WOLFRAMITE, mineral, XVI. 403; XXIII. 607.
- WOLFRAM VON ESCHENBACH, German poet, XXIV. 632; X. 524; his poem on Troy, XX. 639; on Parzival, XX. 645.
- WOLF ROCK LIGHTHOUSE, Scilly Islands, XIV. 616.
- WOLFSBERGITE, mineral, XVI. 394.
- WOLF SPIDERS, arachnids, XXIII. 60.
- WOLFSTAN, Norse navigator, XIX. 316.
- WOLF TRANSFORMATIONS (Lycanthropy), XV. 89.
- WOLKONSKOITE, mineral, XVI. 425.
- WOLLASTON, island, Tierra del Fuego, XXIII. 384.
- , William, English philosophical writer, XXIV. 632; his ethical teaching, VIII. 601.
- , William Hyde, English man of science, XXIV. 633; on light, XIV. 593; his process of working platinum, XIX. 190.
- WOLLASTONITE, mineral, XVI. 415.
- WOLLASTON'S DOUBLET, combination of lenses, XVI. 259.
- WOLLIN, island, Prussia, XXIV. 633; XIX. 442; town, XXIV. 633.
- WOLLSTONECRAFT, Mary (Mrs Godwin), X. 716.
- , Mary, wife of Shelley, XXI. 789; X. 717.
- WOLMAR, Melchior, his connexion with Beza, III. 625.
- WOLOFS, or Woloff Group, race of Negroes, West Africa, I. 263; XVII. 319; XXI. 662.
- WOLSELEY, Sir Garnet, his expedition to Ashantee, II. 682.
- WOLSEY, Thomas, English cardinal, XXIV. 634; VIII. 334; XX. 329; his leniency towards Lutherans, VIII. 374; his patronage of Thomas Cromwell, VI. 605; his influence with Henry VIII., XI. 663; his relations with Thomas More, XVI. 817.
- WOLVERENE, carnivorous mammal, X. 696; XV. 440; skins of, IX. 839.
- WOLVERHAMPTON, town, England, XXIV. 636.
- WOMANHOOD, Period of, XV. 778.
- WOMBAT, marsupial mammal, XXIV. 637; III. 111; XV. 383.
- WOMBWELL, town, England, XXIV. 637.
- WOMEN, Law relating to, XXIV. 637; married, their right to make wills,

- XXIV. 573; rights of, under Salic law, XXI. 214; Comte's views on the condition of, VI. 238.
- WONDER, in phrenology, XVIII. 845.
- WONGA-WONGA, Australian pigeon, XIX. 85.
- WOOD, XXIV. 643; formation of, IV. 100; XII. 18; growth of, IX. 397; as building material, IV. 448; as fuel, IX. 808; for gas making, X. 100; dry rot in, VII. 493; sawing of, XXI. 345; strength of, VII. 816; XXII. 603.
- , Sir Andrew, Scottish sea-captain, XXI. 496.
- , Anthony à, English antiquary, XXIV. 643.
- , Fernando, mayor of New York, XVII. 463.
- Mrs Henry (Ellen Price), English novelist, XXIV. 644.
- WOODBIDGE, town, England, XXII. 622.
- WOODBURY, Levi, American politician and judge, XXIII. 790.
- TYPE, in photography, XVIII. 833.
- WOOD-CARVING, XXIV. 644; v. 168; the industry in Switzerland, XXII. 779.
- WOOD CELLS, of plants, XII. 18.
- WOODCHAT, bird, XXI. 846.
- WOODCOCK, bird, XXIV. 650; shooting, XXI. 835.
- , Katharine, Milton's second wife, XVI. 334.
- WOODCOCK-OWL, bird, XVIII. 90.
- WOODCOCK'S PILOT, bird, XIV. 83.
- WOODCUTS, VIII. 436.
- WOOD-ENGRAVING, VIII. 436; v. 99; early, XXIII. 683; substitutes for, XXIII. 704.
- WOODEN PEAR, Australian tree, XVII. 410.
- WOOD FIBRE, in paper-making, XVIII. 225.
- WOODHALL SPA, England, XVI. 434.
- WOODHOUSELEE, Lord, Scottish judge, XXIII. 713.
- WOODLARK, bird, XIV. 315.
- WOODLOUSE, crustacean, VI. 658.
- WOODMEN OF ARDEN, English society of archers, II. 375.
- WOOD NAPHTHA, XVII. 174.
- WOOD OIL, XVII. 744.
- WOOD PAVING, XX. 585.
- WOODPECKER, bird, XXIV. 651; sacred to Mars, XV. 570.
- WOOD-PIGEON, bird, VII. 379.
- WOOD-RAT, rodent mammal, XVII. 6.
- WOODS, in joinery, IV. 486.
- WOOD'S HALFPENCE, Irish coinage, XXII. 766; XIII. 268.
- WOOD-SPIRIT, in chemistry, XVI. 195.
- WOODSPITE, bird, XXIV. 651.
- WOODSTOCK, town, England, XXIV. 653; XVIII. 94.
- , town, Ontario, Canada, XXIV. 653.
- , town, New Brunswick, XVII. 375.
- WOODVILLE, Elizabeth, wife of Edward IV. of England, VII. 685.
- , William, early vaccinator, XXIV. 24.
- WOODWORK, IV. 476.
- WOODWORTH, Samuel, American poet, I. 722.
- WOO-HOO, town, China, XXIV. 699.
- WOO HOW, empress of China, V. 646.
- WOOL, XXIV. 653; growing of, I. 398; growing, in Australia, III. 114; fibre of, IX. 133; bleaching of, III. 822; dyeing of, VII. 571; weaving of, in ancient times, XXIII. 207.
- WOOLF, Mr, improver of steam-engine, XXII. 477, 494.
- WOOLLEN MANUFACTURES, XXIV. 653; of England, VIII. 231.
- WOOLLETT, William, English engraver, XXIV. 663.
- WOOLSORTER'S DISEASE, XXIV. 663.
- WOOLSTON, Thomas, English deist, XXIV. 663; VII. 35.
- WOOLWICH, town, England, XXIV. 664; dockyard, VII. 311, 318; Royal Arsenal, II. 633; Royal Artillery Institution, II. 586; Royal Military Academy, II. 585.
- CLAY BEDS, in geology, X. 361.
- WOON, or Wun, district, India, XXIV. 699.
- WOONSOCKET, town, Rhode Island, U.S.A., XXIV. 665.
- WOOTZ STEEL, XIII. 342.
- WOO WANG, emperor of China, V. 643.
- WORCESTER, county, England, XXIV. 665.
- , town, England, XXIV. 666; college for the blind at, III. 828; newspapers of, XVII. 421; porcelain works at, XIX. 642; battle of (1654), VI. 601.
- , town, Massachusetts, U.S.A., XXIV. 668; libraries, XIV. 551.
- , Thomas Percy, earl of, XVIII. 523.
- , John Tiptoft, earl of, VIII. 330; deputy of Ireland, XIII. 261.
- , Edward Somerset, third marquis of, inventor of a steam-engine, XXII. 473; on the over-balancing wheel, XVIII. 554.
- , Florence of, English chronicler, IX. 337.
- COLLEGE, Oxford, XVIII. 98.
- WORD, the Logos (*q.v.*), XIV. 804.
- WORDS, study of (philology), XVIII. 765; combination of, XI. 38.
- WORDSWORTH, William, English poet, XXIV. 668; odes of, XIX. 271; his place in English literature, VIII. 433, 434.
- WORK, in mechanics, XV. 700.
- WORKHOUSES, English, XIX. 468, 476.
- WORKING CLASSES, Enfranchisement of the, XIX. 352; progress of, XXIV. 312.
- WORKING MEN'S INTERNATIONAL ASSOCIATION, XIII. 189.
- WORKINGTON, town, England, XXIV. 676.
- WORKMEN, their legal relations to employers, XIV. 170; unions of, XXIII. 499.
- WORKS AND DAYS, Hesiod's poem, XI. 777.
- WORKSOP, town, England, XXIV. 677.
- WORLD, ancient theories of its origin, VI. 446; myths regarding, XVII. 143, 156; estimates of population of, XIX. 513.
- , Creation of the, Era of the, V. 713.
- AS WILL AND IDEA, The, Schopenhauer's work, XXI. 450.
- WORM, WORMS, class of animals, XXIV. 677 (wherese references); embryology of, XX. 419; reproduction, XX. 409; organs of touch, XXIII. 478; diseases caused by, XVIII. 270; XXIV. 205.
- WORMS, town, Germany, XXIV. 684; concordat of (1122), X. 489; XIX. 500; diet of (1521), V. 414; X. 498; XX. 328; Luther before the diet, XV. 75.
- WORMWOOD, herb, XII. 289.
- WORNUM, Robert, pianoforte maker, XIX. 75.
- WORONICZ, John Paul, Polish bishop and writer, XIX. 303.
- WORONZOFF, Catherina Romanofna, Princess Dashkoff, VI. 830; V. 233.
- WORSBROUGH, town, England, XXIV. 685.
- WORSHIP, Religious, XX. 358; sacrificial, XXI. 132; in Israel, XVIII. 509.
- WORSTED, yarn and cloth, XXIV. 658; manufactories, in England, VIII. 231.
- WORTHIES OF ENGLAND, Fuller's work, IX. 815.
- WORTHING, town, England, XXIV. 685.
- WORTHINGTON ENGINE, XXII. 515.
- WORUNGUL, town, India, XXIV. 366.
- WOTHLY TYPE, in photography, XVIII. 831.
- WOTTON, Edward, English naturalist, XXIV. 803; on birds, XVIII. 3; on reptiles, XX. 433.
- , Sir Henry, English writer and courtier, XXIV. 685; friend of Izaak Walton, XXIV. 342.
- , William, English scholar, XXIV. 685.
- WOULDHAVE, William, inventor of life-boat, XIV. 571; XXI. 802.
- WOUNDS, Surgical treatment of, XXII. 678, 681, 682; infectiveness of, XVIII. 401; repair of, XVIII. 363; death by, XV. 781.
- , received by stigmatization, XXII. 548.
- WOUVERMAN, Philip, Dutch painter, XXIV. 686.
- WRANGELL, Baron Ferdinand, Russian Arctic explorer, X. 193; XIX. 320.
- WRANGEL'S LAND, North Siberia, XXIV. 726.
- WRASSE, fish, XXIV. 686; XVIII. 324; XXV. — 60

- WRAY, or Ray (*q.v.*), John, English naturalist, XX. 300.
- WRECK, in law, XXIV. 686; salvage of, XXI. 237; statistics of wrecks in 1882, XVII. 277.
- WREKIN, hill, England, XXI. 847; XXIV. 493.
- WREN, bird, XXIV. 688; fire-crested, XIV. 83; golden-crested, XIV. 82.
- , Sir Christopher, English architect, XXIV. 689; II. 443; XVII. 442; his London churches, XIV. 838; his plan for rebuilding London, XIV. 849.
- WRENCH, hand tool, XI. 439.
- WRESSLELL CASTLE, Yorkshire, England, XXIV. 749.
- WRESTLING, XXIV. 690; in ancient games, X. 64.
- WREXHAM, town, Wales, XXIV. 691.
- WRIGHT, Edward, English mathematician, XIV. 769, 774; XVII. 254; translator of Napier's Canon Mirificus, XVII. 179.
- , Joseph, English painter, XXIV. 691.
- , Richard, American Methodist, XVI. 191.
- , Silas, American politician, XXIV. 692.
- , Thomas, English antiquary, XXIV. 692.
- WRIST, Anatomy of the, I. 827, 839.
- WRIT, in law, XXIV. 692; XIX. 218.
- , Parliamentary, XXIV. 697.
- WRITING, XVIII. 143; XXIII. 682; beginnings of, XVIII. 766; in time of Homer, XII. 112; hieroglyphic, XI. 794; illuminated, XII. 707; lithographic, XIV. 698.
- MACHINES, XXIV. 697.
- MATERIALS, Ancient, XVIII. 143, 232.
- PAPER, Sizes of, XVIII. 226.
- WRITING-TELEGRAPH, XXIII. 121.
- WRONGS, or Torts, in law, XXIII. 454.
- WRONSKI, Hoene de, algebraist, I. 516.
- WROTESLEY'S OBSERVATORY, Blackheath, England, XVII. 712.
- WROXETER, town, England, XXI. 648.
- WRYNECK, bird, XXIV. 698.
- , Henry, duke of Lancaster, XIV. 255.
- WUHU, town, China, XXIV. 699.
- WULFENITE, mineral, XVI. 403.
- WULFRUNA, early English princess, XXIV. 637.
- WULFSTAN, St. of Worcester, XXIV. 667.
- WULLENWEVER, Jürgen, burgomaster of Lübeck, XV. 32.
- WUN, district, India, XXIV. 699.
- WUPPER, river, Rhenish Prussia, XX. 20.
- WURDA, district, India, XXIV. 370.
- WURNU, town, Sokoto, Africa, XXII. 248, 279.
- WÜRTEMBERG, or Württemberg, kingdom, Europe, XXIV. 699; army, II. 600; libraries, XIV. 527, 546; prison system, XIX. 761.
- WURTZ, Charles Adolphe, French chemist, XXIV. 702.
- WURTZITE, mineral, XVI. 392.
- WÜRZBURG, town, Bavaria, XXIV. 704; library, XIV. 547.
- , Konrad von, his Buch von Troye, XX. 639.
- WYANDOTS, American Indians, XII. 827, 831.
- WYANDOTTE, town, Kansas, U.S.A., XXIV. 704.
- CAVE, Indiana, U.S.A., XII. 813.
- WYAT, Sir Thomas (1503-1542), English poet, XXIV. 704.
- , Sir Thomas (c. 1520-1554), his attack on London (1554), XIV. 846.
- WYATT, James, English architect, XXIV. 705.
- WYCHERLEY, William, English dramatist, XXIV. 705; VII. 436.
- WYCH-HAZEL, tree, II. 320.
- WYCHWOOD FOREST, England, XVIII. 93.
- WYCLIFFE, or Wickliffe, John, English Reformer, XXIV. 708; VIII. 324; his influence on the Church of England, VIII. 373; influence on John Huss, XII. 404; his place in English literature, VIII. 410; his relations to the Lollards, XIV. 810.
- WYCOMBE, town, England, XXIV. 712.
- WYE, river, England and Wales, XI. 729; XVI. 753; XX. 217.
- WYKEHAM, Chapel of, Lincolnshire, England, XXII. 367.
- , William of, bishop of Winchester and chancellor of England, XXIV. 585.
- WYNTOUN, Andrew of, Scottish chronicler, XXIV. 712; III. 364; XXI. 540.
- WYOMING, Territory, United States, XXIV. 712; geysers of, X. 558; Yellowstone National Park, XXIV. 736.
- WYON, Thomas, English medallist, XXIV. 713.
- , William, English medallist, XXIV. 713.
- WYSS, Johann Rudolf, Swiss poet, XXII. 799.
- WYTFLIET, Cornelius, Early notice of Australia by, III. 103.
- WYTHE, George, American politician, XXIII. 748.
- WYTTEBACH, Daniel Albert, German scholar, XXIV. 714.
- , Thomas, Swiss theologian, XXIV. 714; his relations with Zwingli, XXIV. 832.
- WYVERN, in heraldry, XI. 702.
- X, the twenty-fourth letter of the alphabet, XXIV. 716.
- XALAPA (Jalapa), town, Mexico, XIII. 547.
- XAMARAN, quarantine station, on Red Sea, XX. 155.
- XANTHIAN MARBLES, British Museum, IX. 67.
- XANTHOCHROIC TYPE, of man, II. 113; in Asia, II. 696.
- XANTHOCON, mineral, XVI. 396.
- XANTHOLITE, mineral, XVI. 409.
- XANTHOPHYLL, colouring matter of plants, XIX. 53.
- XANTHOPHYLLITE, mineral, XVI. 413.
- XANTHOSIDERITE, mineral, XVI. 388.
- XANTHOXYLUM, genus of trees, XVIII. 519.
- XANTHUS, river, Asia Minor, II. 708; XV. 93.
- , town, Lycia, Asia Minor, XXIV. 716; XV. 93; tombs at, II. 402.
- , Lydian historian, XV. 99.
- XÁTIVA (Játiva), town, Spain, XIII. 597.
- XAUXA, town, Peru, XVIII. 675; river, XVIII. 673.
- XAVIER, Francisco, apostle of the Indies, XXIV. 716; his relation to Jesuitism, XIII. 651; missions of, XVI. 513.
- , Jerome, Jesuit missionary, XX. 111.
- XEBEKS, or Zeybeks, people, Asia Minor, V. 102; II. 712.
- XENIA, town, Ohio, U.S.A., XXIV. 718.
- XENOCRATES of Chalcedon, Greek philosopher, XXIV. 718; I. 68.
- XENODERMIDÆ, family of snakes, XXII. 193.
- XENOLITE, mineral, XVI. 408.
- XENOPELTIDÆ, family of snakes, XXII. 192.
- XENOPHANES of Colophon, Eleatic philosopher, XXIV. 719; VIII. 1; XVIII. 315.
- XENOPHON, Greek historian, XXIV. 720; XI. 103, 141; his economic teaching, XIX. 349; on Socrates, XXII. 232; in the Persian expedition, XVIII. 576.
- of Ephesus, Greek novelist, XX. 635.
- XENORHYNCHUS, genus of birds, XIII. 529.
- XENOTIME, mineral, XVI. 403.
- XENURUS, genus of edentate mammals, XV. 387.
- XEREZ (Jerez), town, Spain, XIII. 629; wine of, XXIV. 607.
- XERODERMA, skin disease, XXII. 121.
- XERUS, genus of rodent mammals, XXII. 438; XV. 418.
- XERXES I., king of Persia, XXIV. 721; VIII. 560; XI. 99; XVIII. 572; tomb of, XVIII. 558.
- II., of Persia, XXIV. 721; XVIII. 575.
- XIBARO, issue of Negro and Indian, XVII. 319.

- XICAQUES, Indian tribe, Honduras, XII. 131.
- XIMENES, or Jimenes, Francisco, Spanish cardinal and statesman, XIII. 693, 94; XX. 324; XXII. 327.
- XIMENEZ, Francesch, Catalan writer, XXII. 364.
- XIPE-TOTEC, Mexican deity, XVI. 212.
- XIPHIAS, genus of fishes, XXII. 804.
- XIPHUM, genus of plants, XIII. 276.
- XISUTHRUS, legendary king of Babylon, VII. 54.
- XONOLITE, mineral, XVI. 420.
- XYLARIA, genus of Fungi, XVII. 75.
- XYLEM, or Wood, in vegetable histology, XII. 18.
- XYLENE, benzol, XXIII. 59.
- XYLOGRAPHY, or Block-Printing, XXIII. 682.
- XYSTUS (Sixtus I.), pope, XXII. 103.
- X. Y. Z. MISSION, to France from United States, XXIII. 755.
- Y** the twenty-fifth letter of the alphabet, XXIV. 722.
- YAAKOB of Orleans, Jewish writer, XXIII. 40.
- B. MEIR B. SHEMUEL, Rabbinic scholar, XXIII. 39.
- YABLONOV MOUNTAINS, Siberia, XXIII. 509.
- YABU, Afghan breed of horses, I. 233.
- YACHOW-FU, town, China, XXIV. 722.
- YACHT, YACHTING, XXIV. 722; XXI. 594.
- YADZVINGS, tribe, Lithuania, XIV. 702.
- Yafa (Joppa), town, Palestine, XIII. 746.
- YAFFIL, or Yaffle, bird, XXIV. 651.
- YAGHANS, tribe, Tierra del Fuego, XXIII. 384.
- YAGUAR-COCHA, lake, Ecuador, VII. 646.
- YAHYA B. KHALID, prime minister of Haroun al Raschid, XI. 488.
- YAJNAVALKYA, in Sanskrit literature, XXI. 288.
- YAJUR-VEDA, Sanskrit sacred writing, XXI. 278.
- YAK, ungulate mammal, XXIV. 725.
- YAKHSU, river, Turkestan, XVIII. 103.
- YAKIMA PASS AND RIVER, Washington Territory, U.S.A., XXIV. 385.
- YAKOBA, town, Sokoto, Africa, XXII. 248, 279.
- YAKUB, shah of Persia, XVIII. 633.
- ALMANSOR, Moorish prince in Spain, XXII. 317.
- BEG (the Atalik Ghazi), amir of Kashgar, XIV. 7.
- BEN LAITH, founder of Saffarid Moslem dynasty, XVI. 586.
- YAKUBI, Arab historian, XXIII. 3.
- YAKUTS, people, Siberia, XXII. 8; XXIII. 608, 661; XXIV. 726.
- YAKUTSK, province, Siberia, XXIV. 725; town, XXIV. 727.
- YALE COLLEGE, New Haven, Connecticut, U.S.A., XVII. 394; XXIII. 857; library, XIV. 534; observatory, XVII. 715.
- YALE LOCK, XIV. 751.
- YALKUT, Midrash, XVI. 287.
- YALTA, town, Crimea, Russia, VI. 587; XXIII. 83.
- YA-LU-KIANG, river, Corea, VI. 391.
- YALUTOROVSK, town, Siberia, XXIII. 430.
- YAM, plant, XXIV. 727; XII. 289; in Polynesia, XIX. 419.
- YAMA, Hindu divinity, IV. 208.
- YAMA-MAI WORM, silkworm, XXII. 60.
- YAMAN-TAU, mountain, Russia, XXIV. 4.
- YAMBO, town, Arabia, XXIV. 727; XX. 316.
- YAMBURG, town, Russia, XXI. 190.
- YAMDENA, island, Timor Laut group, Indian Archipelago, XXIII. 398.
- YAMPAIS, American Indians, XII. 827.
- YAMPOL, town, Russia, XIX. 254.
- RAPIDS, Dniester river, Russia, VII. 306.
- YA MURA, mountain, Sumatra, XXII. 638.
- YANA, river, Siberia, XXIV. 726.
- YANAON, French settlement, India, XXIV. 727.
- YANBO (Yambo), town, Arabia, XXIV. 727; XX. 316.
- YANDOON, town, Burmah, XXIII. 330.
- YANEZ, Rodrigo, Spanish chronicler, XXII. 354.
- YANG-CHOW FU, town, China, XXIV. 728.
- YANG-CHU, Chinese philosopher, XVI. 4.
- YANGHI-HISSAR, town, Turkestan, XXIII. 639; XXIV. 728.
- YANGI SHAHR (Kashgar), town, Turkestan, XIV. 7; XXIII. 639.
- YANG KEEN, emperor of China, v. 645.
- YANG-TSZE-KEANG, river, China, v. 631; XVIII. 117.
- YANG-TUNY, mountain, Russia, XXIV. 4.
- YANINA (Janina), town, Albania, Turkey, XIII. 565; XXIII. 653.
- YANKTON, town, Dakota, U.S.A., XXIV. 728; VI. 773.
- YAO, or Yaou, Chinese emperor, II. 745; v. 643.
- YAOU-JIN, Chinese tribe, XVI. 224.
- YAP, island, Carolines, Pacific Ocean, v. 126.
- YAPOCK, marsupial mammal, XVII. 796.
- YAQUI, Pico del, mountain, San Domingo, XI. 544.
- YARANSK, town, Russia, XXIV. 303.
- YARDS, of ships, XXI. 153.
- YARE, river, England, XVII. 536.
- YARENSK, town, Russia, XXIV. 283.
- YARIBA, country, West Africa, XXIV. 754.
- YARKAND, or Yarkend, town, Turkestan, XXIV. 728; XXIII. 638, 639.
- YARMOUTH, town, Norfolk, England, XXIV. 728.
- , town, Isle of Wight, England, XXIV. 562.
- YARN, spun fibre, XXIV. 730; cotton, VI. 488; linen, XIV. 666; woollen, XXIV. 658.
- YAROSLAFF, early Russian prince, XXI. 89.
- , prince of Suzdal, Russia, XXI. 90.
- YAROSLAVL, government, Russia, XXIV. 731; town, XXIV. 732.
- YARO-TSANPO, river, Tibet, XXIII. 340.
- YARRA, river, Victoria, Australia, XV. 835; XXIV. 216.
- FLATS, plains, Victoria, Australia, XXIV. 216.
- YARRELL, William, English naturalist, XXIV. 732; on British birds, XVIII. 18, 29, 49.
- YARROW, river, Scotland, XXI. 638.
- YARWHELP, bird, x. 720.
- YASA, mountain, Nepal, XVII. 340.
- YASHIL-KUL, lake, Central Asia, XVIII. 104.
- YASNA, part of Zend-Avesta, XXIV. 775.
- YASSIN, state and river, Kashmir, x. 597.
- YATAGHAN, hand-weapon, XXII. 800, 802.
- YATUTOROVSK, town, Russia in Asia, XXII. 11.
- YATVYAGS, tribe, Lithuania, XIV. 702.
- YAVIPAIS, American Indians, XII. 827.
- YAVORSKI, Stephen, Russian writer, XXI. 105.
- YAWNING, xx. 480.
- YAWRY BAY, Sierra Leone, West Africa, XXII. 44.
- YAWS, disease, XXIV. 732.
- YAYUL, district, Tibet, XXIII. 340.
- YAZD, town, Persia, XXIV. 733; XVIII. 627, 628.
- YAZDAGIRD, or Yezdegird, Era of, v. 717; XVIII. 326.
- YAZDEGERD I., king of Persia, XVIII. 610.
- II., of Persia, XVIII. 611.
- III., of Persia, XVIII. 615.
- YAZID I., caliph, XVI. 567.
- II., caliph, XVI. 575.
- III., caliph, XVI. 576.
- YAZIDADH, Syriac writer, XXII. 830.
- YAZIJI-OGHLU, Ottoman poet and historian, XXIII. 656.
- YAZOO, river, Mississippi State, U.S.A., XVI. 521.
- YCA, town, Peru, XII. 611; XVIII. 674.
- Y-CHANG, town, China, XII. 628.
- YEADON, town, England, XXIV. 733.
- YEAR, division of time, IV. 666; v. 712; solar, II. 770; Sabbatical, XXI. 126.
- YEARNING (Rennet), for cheese-making, VI. 771.

- YEAST, XXIV. 733; formation of, IX. 92, 94; cell division in, XII. 13; use of, in brewing, IV. 275.
 —, C. Kingsley's novel, XIV. 88.
- YEBNA (Jamnia), town, Palestine, XIII. 563.
- YEDO (Tokio), town, Japan, XXIII. 432; XIII. 577.
- YEHUDAH HANNASI, editor of Mishnah, XVI. 504.
- YEISK, town, Russia, XXIV. 734.
- YEKATERINBURG (Ekaterinburg), town, Asiatic Russia, VII. 793; XVI. 128; XVIII. 550; XXII. 11; XXIV. 6.
- YEKATERINODAR (Ekaterinodar), town, Russia, VII. 793; XIV. 150.
- YEKATERINOSLAFF (Ekaterinoslaff), government, Russia, VII. 793; XXI. 69; town, VII. 794.
- YELETS, town, Russia, XXIV. 734.
- YELIZAVETGRAD (Elizabethgrad), town, Russia, VIII. 146.
- YELIZAVETPOL (Elizabethpol), town, Russia, VIII. 146.
- YELL, island, Shetland, Scotland, XVII. 846.
- YELLAMALAIS, mountain range, India, XIV. 5.
- YELLOW, Pigments of, XIX. 87.
- YELLOWBIRD, XXII. 99.
- YELLOW COLOURS, in dyeing, VII. 578.
- YELLOW EARTH, or Felinite, mineral, XVI. 425.
- YELLOW FEVER, disease, XXIV. 734; XVIII. 403; quarantine for, XX. 156; Rush's treatment of, XXI. 63; in Buenos Ayres, II. 494.
- YELLOWHEAD, bird, XVIII. 52.
- YELLOW LEAD ORE, mineral, XVI. 697.
- YELLOW PINE, tree, XIX. 105.
- YELLOWPLUSH PAPERS, Thackeray's, XXIII. 214.
- YELLOW RIVER (Hwang-ho), China, V. 630; XVIII. 117; XXIII. 339.
- YELLOW SEA, East Asia, XVIII. 116.
- YELLOWSTONE, river, Montana, U.S.A., XVI. 772.
 — LAKE, U.S.A., XXIV. 737.
 — NATIONAL PARK, United States, XXIV. 736.
- YELLOW-TAIL, fish, XXIV. 738.
- YELLOW-WOOD, or Fustic, dyestuff, IX. 855.
- YEMAMAH, province, Arabia, II. 240, 254.
- YEMBO, or Yambo, town, Arabia, XXIV. 727; XX. 316.
- YEMEN, country, Arabia, XXIV. 738; II. 237, 253, 255; XXIII. 653.
- YENBO (Yambo), town, Arabia, XXIV. 727; XX. 316.
- YENIKALE, town, Russia, XIV. 52.
- YENIPAZAR (Novibazar), town, Bosnia, XVII. 608.
- YENISEI, river, Siberia, XXII. 5; XXIV. 742.
- YENISEIANS, people, Siberia, XXII. 11.
- YENISEISK, province, Siberia, XXIV. 741; town, XXIV. 743.
- YENI SHEHR (Larissa), town, Greece, XIV. 314.
- YENI SHEHR, Asia Minor, capital of Osmanli principedom, XXIII. 640.
- YENKING, ancient capital of China, IV. 722.
- YEN-TAI (Chee-Foo), town, China, V. 455.
- YEOLA, town, India, XXIV. 743.
- YEOMANRY, volunteer cavalry, XXIV. 294.
- YEOVIL, town, England, XXIV. 743.
- YERBA BUENA (San Francisco), California, U.S.A., XXI. 263.
- YERBA MATÉ, or Paraguay Tea, XV. 627; IV. 227.
- YERKALAS, people, India, XXIII. 42.
- YERMAK, Cossack chief, XXI. 93; XXII. 12.
- YESHIL IRMAK (Iris), river, Asia Minor, II. 707.
- YESHU BAR SHUSHAN, Syriac writer, XXII. 848.
- YESUKAI, Mongol chief, XIII. 620.
- YETHOLM, town, Scotland, XXI. 34.
- YEW, tree, XXIV. 743; culture of, II. 316.
- YEZD, or Yazd, town, Persia, XXIV. 733; XVIII. 627, 628.
- YEZDEGIRD, king of Bokhara, XVIII. 651, 101.
 —, Era of, V. 717; XVIII. 326.
- YEZIDIS, Kurdish tribes, Mesopotamia, XVI. 49.
- YEZO, island, Japan, XIII. 569.
- YING-KOW (Ying-tze), town, China, XVII. 381.
- YING-TEEN (Nanking), town, China, XVII. 172.
- YING-TZE, or Ying-tsze, town, China, V. 641; XV. 466; XVII. 381.
- YISHAKI, Rabbenu Shelomoh, Jewish rabbi, XX. 284.
- YISSUN TIMUR KHAN, Mongol ruler, XVI. 742.
- Y-LIN (I-Chang), town, China, XII. 628.
- YLO, town, Peru, XVIII. 674.
- YLYA, river, Russia, XXI. 74.
- YNCA-HUALPA, Peruvian bird, XVIII. 673.
- YNCAS, Empire of the, Peru, I. 697; IV. 17; XVIII. 677.
- YNIRIDA, river, South America, XVII. 844.
- YOGA, system of Hindu philosophy, XXI. 291.
- YOGIS, Mohammedan mendicant order, XXII. 663.
- YOHANAN B. NAPHA, Talmudic writer, XXIII. 37.
- YOH-CHOW FU, town, China, XXIV. 744.
- YOJOA, Lake of, Honduras, XII. 130.
- YOKE-ELM, tree, XII. 168.
- YOKOHAMA, town, Japan, XXIV. 744; XIII. 578.
- YOKOSUKA, town, Japan, XXIV. 745.
- YOLA, town, Central Africa, XXII. 279.
- YOLANDE, regent of Savoy, XXI. 341.
- YOLLA, town, Central Africa, I. 140.
- YOLOFS, or Wolofs, Negro race, West Africa, I. 263; XVII. 319; XXI. 662.
- YOMDOK-TSO, lake, Tibet, XXIII. 340.
- YONATHAN (Jonathan), Targum of, XXIII. 64.
- YONGE, Nicholas, introducer of madrigal into England, XV. 192.
- YONKERS, town, New York, U.S.A., XXIV. 745; XVII. 458.
- YONNE, department, France, XXIV. 745.
 —, river, France, XVII. 495; XXI. 624.
- YORACUM (Ivry), ancient town, France, XIII. 525.
- YORK, county, England, XXIV. 746; coalfield, VI. 51.
 —, town, England, XXIV. 749; minster, II. 427, 428; St Mary's Abbey, I. 14.
 —, town, Pennsylvania, U.S.A., XXIV. 752.
 —, town, Western Australia, XXIV. 508.
 —, Archbishop of, II. 370.
 —, Cape, Australia, III. 107.
 —, Richard, duke of, protector of England, XXIV. 381; as viceroy of Ireland, XIII. 261.
 —, House of, English dynasty, XXIV. 752; VIII. 327; XIX. 175; wars with house of Lancaster, VIII. 327, 329; XI. 661; XXI. 740.
 — HOUSE, Twickenham, England, XXIII. 674.
 — ROUND, in archery, II. 373.
- YORKTOWN, U.S.A., Siege of (1781), XXIII. 745.
- YORO, department, Honduras, XII. 132.
- YORUBA, country, West Africa, XXIV. 754.
- YOSEMITE, district, California, U.S.A., IV. 698.
- YOUGHAL, town, Ireland, XXIV. 755.
- YOUNG, Sir Allen, Arctic voyager, XIX. 324.
 —, Arthur, English social economist and agriculturist, XXIV. 755.
 —, Brigham, Mormon president, XXIV. 756; XVI. 826.
 —, Charles Augustus, on the solar corona, II. 788.
 —, Edward, English poet, XXIV. 756; his place in English literature, VIII. 429.
 —, James, his experiments on paraffin oils, XVIII. 240.
 —, Thomas, Puritan divine, XVI. 328; as Milton's tutor, XVI. 324.
 —, Thomas, English scientist and archaeologist, XXIV. 756; on the func-

- tions of the blood organs, XXIV. 97; on capillary phenomena, v. 57; on the theory of light and colours, XIV. 606; on the theory of tides, II. 762.
- YOUNG'S MODULUS, of stress and longitudinal strain, VII. 805; XXII. 595.
- YOUNGSTOWN, town, Ohio, U.S.A., XXIV. 757.
- YOURUKS, people, Asia Minor, II. 712.
- YOUTH, Period of, XV. 778.
- YOVANOVICH, Peter, Servian poet, XXI. 691.
- YPRES, town, Belgium, XXIV. 757.
- YPSILANTI, voivodes of Moldavia, XXI. 20.
- YRIARTE (Iriarte), Tomas de, Spanish poet, XIII. 275.
- YRNERIUS (Irnerius), Italian jurist, XIII. 277.
- YSABEL, island, South Pacific, XXII. 252.
- YSAIE LE TRISTE, romance, XX. 648.
- YSEULT, Isolde, or Isolt, in Arthurian romance, XX. 647; X. 854; XXIV. 315.
- YSSEL, river, Holland, XII. 63; XX. 519.
- YTTERBIUM, Spectrum of, XXII. 376.
- YTTRIUM, chemical element, XXIV. 757; v. 543; XIV. 292; spectrum of, XXII. 376.
- YTTROCERITE, mineral, XVI. 383.
- YTTROILMENITE, mineral, XVI. 428.
- YTTROTANTALITE, mineral, XVI. 427.
- YTTROTITANITE, mineral, XVI. 426.
- YTURBIDE, Augustin de, emperor of Mexico, XIII. 518; XVI. 219.
- YU, early ruler of China, v. 643.
- YUCATAN, region, Central America, XXIV. 757; antiquities of, I. 693; architectural ruins in, II. 450.
- , state, Mexico, XVI. 214.
- YUCCA, plant, XXIV. 760; XII. 253; XVII. 401.
- YUECHI, ancient people, Central Asia, XVIII. 101, 592, 594, 600.
- YUG, river, Russia, XXIV. 283.
- YUKON, river, Alaska, North America, I. 444; XVIII. 116.
- YULE, or Christmas, v. 704.
- YUMAS, American Indians, XII. 827.
- YUNGIA, genus of planarian worms, XIX. 174.
- YUNG-LO, Chinese emperor, XVII. 172.
- YUN-HO, Grand Canal of China, v. 631.
- YUN-NAN, province, China, v. 640.
- YUN-NAN FU, town, China, XXIV. 760.
- YUNOS of Cairo, astronomer, XXIII. 562.
- YUNQUE, El, mountain, Porto Rico, XIX. 532.
- YUNX (misspelling of Iynx), genus of birds, XXIV. 698.
- YURAKS, people, Russia, XXI. 251.
- YUREZAN, town, Russia, XXIII. 717.
- YURIEFF (Dorpat), town, Russia, VII. 369.
- POLSKIY, town, Russia, XXIV. 271.
- YURUARI, territory, Venezuela, XXIV. 140.
- YURUNG KUSH, town, Turkestan, XIV. 67.
- YUSHAMIN, Mandæan divine spirit, XV. 468.
- YUSTE, monastery, Spain, place of retirement of Charles V., v. 417.
- YUSUF AL-KINDI, Abu, Arabian philosopher, I. 578.
- YUSUF B. TASHUFIN, Moorish general in Spain, XXII. 316; I. 595; XIX. 539.
- YUSUFZAIS, Afghan clan, I. 235.
- YUTES, people, Turkestan, XXIII. 639.
- YVERDON, town, Switzerland, XVII. 361; XXIV. 115.
- YVETOT, town, France, XXIV. 760.
- YVON, Peter, French Labadist, XIV. 163.
- YZER, river, Belgium, III. 515.
- Z**, the twenty-sixth letter of the alphabet, XXIV. 761.
- ZAANDAM, town, Holland, XXIV. 761.
- ZABAD, Syria, Inscription of, XXI. 651.
- ZABAİKALS KAYA OBLAST, province, Siberia, XXIII. 509.
- ZABDICENE, ancient district, Asia, XIV. 159.
- ZABIANS, or Sabians (*q.v.*), Oriental sect, XXI. 128.
- ZABIELIN, Russian historian, XXI. 108.
- ZACATECAS, state and town, Mexico, XXIV. 761; XVI. 214.
- ZACH, Franz Xaver, Austrian astronomer, XXIV. 761.
- ZACHARIAE VON LINGENTHAL, Karl Salomo, German jurist, XXIV. 762.
- ZACHARIAS, St, pope, XXIV. 763; XIX. 495.
- RHETOR, Syriac writer, XXII. 835.
- ZACYNTHUS (Zante, *q.v.*), island, Greece, XXIV. 767.
- ZADOKITES (Sadducees, *q.v.*), Jewish sect, XXI. 142.
- ZADONSK, town, Russia, XXIV. 298.
- ZADONSTCHINA, Russian prose-poem, XXI. 104.
- ZAFARINES, islands, Morocco, XVI. 830.
- ZAFFRE, mineral, VI. 82.
- ZAGOSKIN, Russian historian, XXI. 108.
- , Russian novelist, XXI. 107.
- ZAGRAB (Agram), town, Austria, I. 287; VI. 592; XXIII. 852.
- ZAGREUS, of Greek legend, VII. 249.
- ZAGRUS, mountain chain, Kurdistan, XIV. 156.
- ZAHR BILLAH, caliph, XVI. 588.
- ZAID, collector of the Koran, XVI. 604.
- B. ALI, pretender to the caliphate, XVI. 575.
- ZAIRE (Congo), river, Africa, XXIV. 763; I. 254; exploration of, X. 192.
- ZAISAN, Lake, Siberia, XXI. 639.
- ZAITHAH, or Zautha, town, Mesopotamia, XVI. 48.
- ZAKARIYA, Abu, prince of Tunis, XXIII. 621.
- ZAKASPIYSKAYA OBLAST, region, Russia, XXIII. 511.
- ZAKATALY, town, Transcaucasia, Russia, XXIII. 514.
- ZAKHURIANS, Caucasian tribe, XIV. 475.
- ZAKI, Persian chief, XVIII. 644.
- ZAKONIK, Servian code of laws, XXI. 690.
- ZAKRZEWSKI, Vincent, Polish historian, XIX. 305.
- ZALESKI, Bogdan Joseph, poet of the Ukraine, XIX. 304.
- ZALEUCUS, legislator of Italian Locri, XIV. 764.
- ZALUSKI, Andrew Chrysostom, Polish writer, XIX. 302.
- , Joseph Andrew, Polish writer, XIX. 302.
- ZAMA, North Africa, Battle of (202 B.C.), XI. 444; XV. 609; XX. 750; XXI. 467.
- ZAMBAK, Arabian jasmine, XIII. 595.
- ZAMBECCARI, Count, his balloon, I. 189, 191.
- ZAMBESI, or Zambeze, river, Africa, XXIV. 765; I. 250; exploration of, by Livingstone, I. 247; XIV. 720; mouth of, XVII. 7; languages of people on, XXIV. 828.
- ZAMBO, ZAMBO PRETO, Negro and Indian half-breeds, XVII. 319.
- ZAMINDARI, land tenure, India, xv. 186; in Madras presidency, XII. 770, 803; in North-Western Provinces, XVII. 573.
- ZAMORA, province and town, Spain, XXIV. 766.
- , state, Venezuela, XXIV. 140.
- ZAMORANO, Roderico, Spanish geographer, XVII. 253.
- ZAMR-AL-KEBIR, musical instrument, XVII. 706.
- ZAMZAM, well, at Mecca, xv. 673.
- ZANAHARY, Malagasy divinity, xv. 173.
- ZANCARA, river, Spain, XXII. 295.
- ZANCLE (Messina), ancient town, Sicily, XVI. 57.
- ZAND-AVESTA, or Zend-Avesta (*q.v.*), sacred book of Zoroastrianism, XVIII. 327.
- ZANDER, fish, XIX. 89.
- ZANDEY (Niam-Niam), people, Central Africa, XVII. 319, 473.
- ZANES, images of Zeus, at Olympia, Greece, XVII. 769.
- ZANESVILLE, town, Ohio, U.S.A., XXIV. 767.
- ZANGAROMA, suburb of Nicastro, Italy, XVII. 480.
- ZANGEMEISTER AND WATTENBACH, their specimens of Latin writing, XVIII. 152.
- ZANGUEBAR (Zanzibar, *q.v.*), East Africa, XXIV. 767.
- ZANJAN, town, Persia, XVIII. 628.
- ZANNONE, island, Pontian group, Italy, XIX. 460.

- ZANTE, island, Greece, XXIV. 767; XIII. 205; town, XXIV. 767.
- ZANZALUS, Jacobus, Eastern monk, XIII. 539.
- ZANZIBAR, country, East Africa, XXIV. 767; I. 270; XXII. 729; languages of, XXIV. 828; town, XXIV. 769.
- ZAPOLYA, John, voivode of Transylvania and ruler of Hungary, III. 124; XII. 369; XXIII. 522, 643.
- , Sigismund, Hungarian pretender, XXIII. 643.
- ZAPORNIA, genus of birds, XX. 223.
- ZAPOROGIANS, division of Russian Cossacks, VI. 448.
- ZAPPI, Felice, Italian writer, XIII. 511.
- ZAPSKOVIE, suburbs of Pskoff, Russia, XX. 36.
- ZARA, town, Austria, XXIV. 769; conquest of, by the Crusaders (1202), VI. 629.
- ZARAGOZA, or Saragossa, province, Spain, XXIV. 769; town, XXIV. 770; XXII. 307.
- ZARAH HOLLOW, land depression, Persia, XXII. 101.
- ZARAIK, town, Russia, XXI. 116.
- ZARANGIANA, Parthian kingdom, XVIII. 592.
- ZARATE, Fernando de, the question of his identity with Enriquez Gomez, VIII. 450.
- ZARATHUSTRA, or Zoroaster (*q.v.*), founder of Zoroastrianism, XVIII. 325.
- ZARATHUSTRIANISM, or Zoroastrianism (*q.v.*), Oriental religion, XX. 360.
- ZARATITE, mineral, XVI. 399.
- ZARATO (Morto da Feltre), Italian painter, IX. 69.
- ZARHUN, town, Morocco, XVI. 834.
- ZARIASPA, or Bactra (Balkh), town, Afghanistan, III. 282; I. 243.
- ZARLINO, Gioseffe or Giuseppe (Zarlinus Clodiensis), Italian musical theorist, XXIV. 770; XVII. 86.
- ZARNI, town, Afghanistan, I. 231.
- ZARTA, town, Albania, II. 639.
- ZASLAVL, town, Russia, XXIV. 282.
- ZAUBERFLÖTE, opera by Mozart, XVII. 11.
- ZAUDZI, island, Comores, Africa, VI. 220.
- ZAUTHA, or Zaitah, town, Mesopotamia, XVI. 48.
- ZAVIHOST, town, Poland, XX. 218.
- ZAVOLJIE, district, Russia, XVII. 501.
- ZAYTON (Chinchew), town, China, V. 673.
- ZAZA, Kurdish dialect, XIV. 157.
- ZEA (Ceos), island, Greece, V. 343.
- , genus of plants, XV. 309.
- ZEAGONITE, mineral, XVI. 423.
- ZEALAND, island, Denmark, XXIV. 771; VII. 83.
- , province, Holland, XXIV. 771.
- ZEALOTS, Jewish sect, XIII. 426.
- ZEBEDEE, Sons of, apostles James and John, XIII. 552.
- ZEBI, Sabbathai, leader of Jewish sect, XIII. 681.
- ZEBRA, ungulate mammal, XXIV. 772; XII. 175.
- ZEBULON, tribe of Israel, XXIV. 772.
- , Plain of, Palestine, XVIII. 171.
- ZEBUS, humped Indian cattle, V. 246.
- ZECHARIAH, Old Testament prophet, XXIV. 773; XIII. 418.
- ZEDLER, Johann Heinrich, his universal lexicon, VIII. 196.
- ZEGZEG, town, Sokoto, Africa, XXII. 279.
- ZEHNGERICHTENBUND, Swiss league, XI. 205.
- ZEILA, town, North-East Africa, I. 271.
- ZEITZ, town, Prussia, XXIV. 775.
- ZEKHA-ISHO, Syriac writer, XXII. 838.
- ZELA, town, Asia Minor, XIX. 459.
- ZELLE (Celle), town, Prussia, XXIV. 775.
- ZELLER, Eduard, on scepticism, XXI. 381.
- ZEMLYANOV-GOROD, quarter of Moscow, Russia, XVI. 858.
- ZEMLYANSK, town, Russia, XXIV. 298.
- ZEMSTVO, assembly, Russia, XXI. 70; of Vyatka, XXIV. 303.
- ZEN, tree, XXIII. 620.
- ZEND, language of Zend-Avesta, XVIII. 653; dictionaries of, VII. 190.
- ZEND-AVESTA, Zoroastrian religious book, XXIV. 775; XVIII. 327, 653; on caste, V. 192; language of, XVIII. 134; dictionaries of language of, VII. 190; translation of, by Anquetil du Perron, II. 91.
- ZENESQUALI, river, Caucasus, V. 253.
- ZENGHI-ATA, shrine, Tashkend, Asia, XXIII. 72.
- ZENI, The, their map of northern latitudes, XIX. 316.
- ZENITH, in astronomy and geography, II. 764; X. 198.
- SECTOR, Airy's, VII. 600.
- TELESCOPE, X. 167.
- ZENNOR, cromlech, Cornwall, England, VI. 427.
- ZENO, Byzantine emperor, XXIV. 778.
- of Citium, Stoic philosopher, XXII. 561.
- of Elea, Greek philosopher, XXIV. 778; VIII. 2.
- , Antonio, Arctic explorer, XIX. 316.
- , Antonio, Venetian admiral, XXIV. 147.
- , Carlo, Venetian admiral, XXIV. 144.
- , Caterino, Italian traveller, X. 179; Venetian envoy to Persia, XVIII. 633.
- , Niccolo, Arctic explorer, XIX. 316.
- ZENOBIA, queen of Palmyra, XIV. 864; XVIII. 201; XX. 776.
- ZENTA, or Zentha, town, Hungary, XXIV. 780; battle of (1697), VIII. 660; XXIII. 646.
- ZEOLITES, group of minerals, XVI. 420; X. 228; deposits of, in Pacific Ocean, XVIII. 125.
- ZEPHANIAH, Old Testament prophet, XXIV. 780; XIII. 415.
- ZEPHAROVICHITE, mineral, XVI. 405.
- ZEPHYRINUS, St, pope, XXIV. 781; XIX. 489.
- ZEPHYRUS, of Greek legend, XXIV. 781.
- ZERAF, Bahr al, branch of Nile, Africa, XVII. 506.
- ZERAFSHAN, province, Russian Turkestan, XXIV. 781.
- , river, Russian Turkestan, XXIV. 781.
- ZERAIM, part of Mishnah, XVI. 505.
- ZERBIS, Gabriel de, on anatomy, I. 806.
- ZERBST, town, Germany, XXIV. 782.
- ZERGHAT, part of Chhindwara district, India, V. 608.
- ZERO, in mathematics, XIII. 14.
- , as numeral, XVII. 626.
- ZERUBBABEL, of Scripture, XI. 370; XXIV. 773; temple of, at Jerusalem, XXIII. 167.
- ZETA, river, Montenegro, XVI. 780.
- ZETHUS, Tomb of, at Thebes, Greece, XXIII. 230.
- ZEUGITANA, valley, North Africa, XXIII. 619.
- ZEUGLON, genus of fossil cetaceans, XV. 395.
- ZEUGMA, town, Syria, Coins of, XVII. 649.
- ZEULENRODA, town, Germany, XX. 493.
- ZEUNERITE, mineral, XVI. 407.
- ZEUNER'S SLIDE-VALVE, for steam-engine, XXII. 502.
- ZEUS, Greek deity (the Roman Jupiter), XXIV. 782; XIII. 779; XVII. 138, 154; XXIII. 238; myths of, XVII. 136, 154; altar to, at Pergamum, XVIII. 527; temple of, at Athens, III. 2; temple, at Olympia, XVII. 768; temple, at Selinus, XXI. 634.
- ZEUXIS, Greek painter, XXIV. 783; II. 363; XVII. 41; XVIII. 321.
- ZEYBEKS, people, Asia Minor, II. 712; V. 102.
- ZEYER, Bohemian poet, XXII. 152.
- ZEZERE, river, Portugal, XXIII. 21.
- ZHABLIAC, town, Montenegro, XVI. 781.
- ZHITOMIR, town, Russia, XXIV. 784.
- ZHUKOVSKI, Vasili A., Russian poet, XXI. 107.
- ZIANI, Sebastiano, doge of Venice, XXIV. 142.
- ZIBEBU, Zulu chief, XXIV. 829.
- ZIBETH (Civet), carnivorous mammal, V. 796.
- ZICHY LAND, Arctic regions, its discovery, XIX. 324.
- ZICKZACK, bird, XIX. 228.

- ZIDJE SABI, Albategn's work, I. 449.
- ZIEGENRÜCKEN, mountain, Germany, XX. 552.
- ZIENKIEWICZ, Reginald, Polish writer, XIX. 304.
- ZIGALGA, mountain, Russia, XXIV. 4.
- ZIHL, river, Switzerland, XVII. 361.
- ZIJ, Persian astronomical tables, XVII. 771.
- ZIKR, dervishes' chant, VII. 114.
- ZILIS, town, North Africa, XV. 637.
- ZILLAH, wife of Lamech of Scripture, XIV. 238.
- ZIMB, or Tsetse (*q.v.*), fly, XXIII. 601; VII. 256.
- ZIMISCES, John I., Greek emperor, XIII. 712.
- ZIMMÉ, Shan state, Burmah, XXI. 773.
- ZIMMERMANN, Johann Georg, Swiss philosopher and physician, XXIV. 784; X. 535; XXII. 798.
- , Karl, of Darmstadt, German evangelical preacher, XI. 335.
- ZIMOLCA SPONGE, XXII. 423, 428.
- ZIMOROWICZ, Polish poet, XIX. 301.
- ZINC, metal, XXIV. 784; XVI. 382; as chemical element, v. 526, 573; cyanide of, XX. 23; boiling point of, XX. 134; ores of, XVI. 58; dressing of ores, XVI. 465; salts of, as poisons, XIX. 278; strength of, XXII. 603; deposits of, in Silesia, XXII. 53; production of, XVI. 467; production in England, VIII. 229; production in United States, XXIII. 817.
- WHITE, pigment, XIX. 86.
- ZINCITE, mineral, XVI. 385.
- ZINCKE, German economist, XIX. 363.
- ZINCKEN, musical instrument, XXIV. 787.
- ZINCKENITE, mineral, XVI. 394.
- ZINCOGRAPHY, XIV. 699; in map-printing, XXII. 715.
- ZINCOTYPES, in printing, XXIII. 704.
- ZINCU, religious rite of Lithuanians, XIV. 701.
- ZINDEH-RUD, river, Persia, XIII. 394.
- ZINGARIS, or Gipsies (*q.v.*), X. 612.
- ZINGARO, Lo (Antonio Solario), Neapolitan painter, XXII. 249.
- ZINGIBER, genus of plants, X. 603.
- ZINKEN, or Zincken, musical instrument, XXIV. 787.
- ZINN, John Godfrey, German anatomist, I. 814.
- ZINNIA, garden annual, XII. 249.
- ZINNWALDITE, mineral, XVI. 413.
- ZINZENDORF, Count of, leader of the Moravian Brethren, XXIV. 788; XVI. 812; XXII. 368; as writer, X. 534; hymns by, XII. 588.
- ZION, hill, Jerusalem, XIII. 639. See also article Temple.
- ZIPHIUS, genus of cetacean mammals, XV. 396.
- ZIRCON, mineral, X. 228; XVI. 390; as precious stone, XIII. 532.
- ZIRCONIUM, chemical element, XXIV. 789; v. 538.
- ZIRITES, Empire of the, in Tunis, XXIII. 620.
- ZISKA, John, Hussite leader, XXIV. 790; XII. 407.
- ZITTAU, town, Saxony, XXIV. 790.
- ZIYAD, brother of caliph Moawiya I., XVI. 566.
- ZIZA, Palermo, Sicily, Catacombs of, v. 331.
- ZIZITH, Jewish prayer-fringe, XIX. 1.
- ZIZKA, John, Hussite leader, XXIV. 790; XII. 407.
- ZIZYPHUS, genus of plants, XIII. 767.
- ZLATOUST, town, Russia, XXIV. 790; XXIII. 717.
- ZLOTOPOL, town, Russia, XIV. 69.
- ZMEINOGORSK, town, Russia in Asia, XXII. 11; XXIII. 439.
- ZNAIM, or Znaym, town, Moravia, XXIV. 790.
- ZOAN, ancient town, Egypt, VII. 769.
- ZOANTHARIA, order of corals, VI. 369.
- ZOBAAH, whirlwind of sand, Egypt, VII. 703.
- ZOBAH, ancient state, Syria, XXII. 822.
- ZOBAIR B. BAKKAR, Arab historian, XXIII. 3.
- ZÖBLITZ, Saxony, Serpentine rock of, XXI. 683.
- ZODIAC, XXIV. 791; astrological meaning of, II. 740; signs of, II. 771; Dupuis's theory of signs of, VII. 550; Egyptian zodiacs, VII. 78.
- ZODIACAL LIGHT, XXIV. 796; II. 790.
- ZOE, wife of Michael IV., Byzantine emperor, XVI. 226.
- ZOEA, stage in development of Crustacea, VI. 644.
- ZOELLNER'S FIGURE, in optics, VIII. 827.
- ZOGHAWAS, tribe, Central Africa, XXIII. 334.
- ZOHAIR, Arabic poet, XVI. 537.
- ZOHAR, sacred book of the Kabbalah, I. 463; XIII. 813.
- , Midrash, XVI. 286.
- ZOHARITES, Jewish sect, XIII. 681.
- ZOISITE, mineral, XVI. 409.
- ZÖLLNER, Johann Carl Friedrich, German astronomer and physicist, XXIV. 798; his figure in optics, VIII. 827; on the light of the moon, II. 802; on uranometry, XVIII. 841.
- ZOLLVEREIN, German customs union, X. 455, 505.
- ZOLOTONOSHA, town, Russia, XIX. 410.
- ZOMBOR, town, Hungary, XXIV. 798.
- ZONARAS, Joannes, Byzantine historian and theologian, XXIV. 798.
- ZONES, climatic, VI. 2.
- , of crystals, XVI. 352.
- ZOOGLÆA, in development of Schizomycetes, XXI. 401, 402.
- ZOOLOGICAL REGIONS, VII. 269.
- ZOOLOGICAL SOCIETIES, XXII. 225.
- ZOOLOGY, XXIV. 799; II. 49.
- ZOOPHORUS, in architecture, II. 475.
- ZOOSPORES, reproductive organs in plants, XX. 423.
- ZOOXANTHELLA, genus of parasitic Algae, XIX. 852.
- ZOPF, W., his researches on Schizomycetes, XXI. 399.
- ZORGITE, mineral, XVI. 391.
- ZORILLA, José, Spanish poet and dramatist, XXII. 361.
- ZORN DORF, Prussia, Battle of (1758), III. 128; XXI. 99.
- ZOROASTER, founder of Zoroastrianism, XXIV. 820; XVIII. 325.
- ZOROASTRIANISM, Oriental religion, XXIV. 822; XVIII. 607; XX. 360; sacred book of, XXIV. 775; XVIII. 653; language of the sacred book, XVIII. 134.
- ZORRIMO, Patagonian skunk, XVIII. 353.
- ZORRO, Patagonian fox, XVIII. 353.
- ZOSIMUS, or Zozimus, bishop of Rome, XXIV. 824; XIX. 491; his attitude in the Pelagian controversy, XVIII. 472.
- , Greek historian, XXIV. 823.
- , the Theban, his chemical discoveries, I. 462.
- ZOSTEROPS, bird, XXIV. 824.
- ZOUAVES, of French army, origin of the name, XIII. 815.
- ZOUCH, Richard, English jurist, XXIV. 824.
- ZOUTPANSBERG, mountains, South Africa, XXIII. 517.
- ZOZIMUS, or Zosimus (*q.v.*), bishop of Rome, XXIV. 824.
- ZRINYI, Count, defender of Cziget, Hungary (1566), XXIII. 644.
- ZSCHOKKE, Johann Heinrich Daniel, German writer, XXIV. 824.
- ZUBSTOFF, town, Russia, XXIII. 672.
- ZUCCARO, or Zuccherò, Federigo, Italian painter, XXIV. 825.
- , Taddeo, Italian painter, XXIV. 825.
- ZUCCHI, Antonio, Venetian artist, XIV. 16.
- ZUG, canton, Switzerland, XXIV. 826; XXII. 783; town, XXIV. 826.
- , Lake of, Switzerland, XXII. 777.
- ZUGUR, island, Red Sea, XX. 316.
- ZULA (Zulla), town, Red Sea, Africa, XXIV. 826.
- ZULALI, Persian romance-writer, XVIII. 660.
- ZULLA, town, on Red Sea, Africa, XXIV. 826.
- ZÜLPICH, Prussia, Battle of (496), X. 476.
- ZULU-KAFFRES, group of people, South Africa, XVII. 319; of the Transvaal, XXIII. 518.
- ZULULAND, territory, South Africa, XXIV. 827.

- ZULU LANGUAGE, XXIV. 827; dictionaries of, VII. 192.
- ZULUS, race of people, South Africa, XXIV. 828; XIII. 818; myths of, XVII. 147.
- ZUMALACARREGUI, Tomas, Carlist general, Spain, XXII. 346.
- ZUMBO, town, on Zambesi river, Africa, XXIV. 765.
- ZUMMARAH, musical instrument, XVII. 707.
- ZUMPE, Johann, pianoforte mechanician, XIX. 72.
- ZUNDERERZ, mineral, XVI. 388.
- ZUNIS, American-Indian tribe, XII. 827; totem sacrifices among, XXIII. 471.
- ZUNJUN, or Zanzan, town, Persia, XVIII. 628.
- ZUNZ, Leopold, Jewish writer, XIII. 682.
- ZUPANS, Servian chiefs, XXI. 688.
- ZUPO, Piz, mountain, North Italy, XXIV. 45.
- ZURBARAN, Francisco, Spanish painter, XXIV. 829; XXI. 440, 443.
- ZURICH, or Zürich, canton, Switzerland, XXIV. 829; XXII. 781, 783, 790; Zwingli's Reformation movement in, XXIV. 833.
- , town, Switzerland, XXIV. 830; XXII. 783; observatory at, XVII. 713; university, XXIII. 851; treaty of (1859), IX. 625.
- , Lake of, Switzerland, XIV. 220; XXII. 777.
- ZURITA, Geronimo de, Spanish historian, XXII. 359.
- ZUTPHEN, town, Guelderland, Holland, XXIV. 831.
- ZUYDER ZEE, Holland, XII. 60; XVII. 563.
- ZWEIBRÜCKEN, town, Bavaria, VII. 134.
- ZWICKAU, town, Saxony, XXIV. 831.
- ZWIESELITE, mineral, XVI. 408.
- ZWINGLI, Huldreich, Swiss Reformer, XXIV. 832; XV. 81; XX. 331; XXII. 790; on the Anabaptists, III. 353; on church order, XIX. 676.
- ZWOLLE, town, Holland, XXIV. 834; XVIII. 78.
- ZYENKOFF, town, Poltava, Russia, XIX. 410.
- ZYGÆNA, genus of sharks, XXI. 776.
- ZYGOBRANCHIA, order of Mollusca, XVI. 645.
- ZYGOSPOREÆ, group of plants, III. 693.
- ZYMOTIC DISEASES, XXIV. 834.
- ZYRIANOVSK, or Zyryanovsk, town, Russia in Asia, XXII. 11; XXIII. 439.

LIST OF CONTRIBUTORS

LIBRARY OF THE UNIVERSITY OF TORONTO

LIST

OF

CONTRIBUTORS TO THE ENCYCLOPÆDIA BRITANNICA,

NINTH EDITION,

WITH THE INITIALS WHICH HAVE BEEN AFFIXED TO THEIR RESPECTIVE ARTICLES.

A

- | | |
|---|---|
| <p>A. H. A. . A. HILLIARD ATTERIDGE, London.</p> <p>A. S. A. . Rev. A. S. AGLEN, M.A., Alyth.
Dr CLAES ANNERSTEDT, Librarian to the University of Upsala [article UPSALA].</p> <p>C. G. A. . Rev. C. G. AMES, Philadelphia.</p> <p>C. K. A. . C. K. ADAMS, LL.D., Professor of History, University of Michigan.</p> <p>D. A. A. . D. A. AIRD, Editor of the "Forge and Lathe."</p> <p>E. A. . . EDWARD ARBER, Professor of English, Mason Science College, Birmingham.</p> <p>E. A. A. . Rev. EDWIN A. ABBOTT, D.D., author of "Cambridge Sermons."</p> <p>E. S. A. . Mrs ARMITAGE.</p> <p>F. A. . . F. ARNOLD.</p> <p>F. A. A. . Sir FREDERICK A. ABEL, C.B., D.C.L., F.R.S., Director of the Chemical Establishment, Royal Arsenal, Woolwich.</p> <p>G. A. . . GRANT ALLEN.</p> <p>G. H. A. . Rev. G. H. ATKINSON, Portland, Oregon.</p> <p>G. I. A. . Prof. G. I. ASCOLI, Milan.</p> <p>G. J. A. . G. J. ALLMAN, LL.D., F.R.S., Professor of Mathematics, Queen's College, Galway.</p> <p>H. E. A. . H. E. ARMSTRONG, Ph.D., F.R.S., Professor of Chemistry, London Institution.</p> <p>H. L. A. . Colonel H. L. ABBOT, U.S. Engineers.</p> <p>J. A. . . JULES ANDRIEU.</p> <p>J. AN. . . JOSEPH ANDERSON, LL.D., Secretary, Scottish Society of Antiquaries.
JAMES ADAM, M.A., Fellow of Emmanuel College, Cambridge [articles SIMONIDES, &c.].
JOSEPH ATKINSON, Newark, N.J. [article NEWARK].</p> <p>J. B. A. . J. B. ATKINSON, author of "Schools of Modern Art in Germany."</p> <p>J. O. A. . J. O. AFFLECK, M.D., Medical Examiner, University of Edinburgh.</p> | <p>M. A. . . MATTHEW ARNOLD, LL.D., D.C.L.</p> <p>O. A. . . OSMUND AIRY, Editor of the "Lauderdale Letters."</p> <p>P. P. A. . P. P. ALEXANDER (the late), St Andrews.</p> <p>R. A. . . ROGER ACTON, London.</p> <p>R. AD. . . ROBERT ADAMSON, LL.D., Professor of Logic, Owens College, Manchester.</p> <p>R. AL. . . Sir RUTHERFORD ALCOCK, K.C.B.</p> <p>R. AN. . . R. ROWAND ANDERSON, LL.D., Architect, Edinburgh.
R. E. ALLARDICE, Edinburgh [articles PONCELET, ROBERVAL, &c.].
R. E. ANDERSON, London [articles MANIN, SCHOOLCRAFT, &c.].</p> <p>S. A. . . Prof. SAMUEL AUGHEY, State Geologist, Lincoln, Nebraska.</p> <p>T. A. . . THOMAS ARNOLD, M.A., Oxford.</p> <p>T. A. A. . T. A. ARCHER, Oxford.</p> <p>W. DE W. A. Captain W. DE W. ABNEY, R.E., F.R.S., author of "Instructions in Photography."</p> <p>W. E. A. . WM. E. AYTOUN, D.C.L., author of "Lays of the Scottish Cavaliers."</p> <p>W. E. A. A. W. E. A. AXON, F.R.S.L., Manchester.</p> <p>W. G. A. . W. G. ABBOT, Hartford, Connecticut.</p> <p>W. L. A. . Rev. W. LINDSAY ALEXANDER, D.D., LL.D.</p> |
|---|---|

B

- | | |
|--|--|
| <p>A. B. . . ALEX. BUCHAN, LL.D., Secretary, Meteorological Society of Scotland.</p> <p>A. B*. . . ALEX. BAIN, LL.D., author of "The Emotions and the Will."</p> <p>A. BA. . . Prof. ADOLFO BARTOLI, Florence.</p> <p>A. BR. . . ALEXANDER BRUCE, M.A., M.D., Edinburgh.
Rev. ALEX. BEVERLEY, LL.D. [articles ACTA DIURNA, ACTA SENATUS, &c.].
Prof. A. BRILL, Polytechnicum, Munich [article MATHEMATICAL DRAWING].</p> <p>A. B. B. . Miss A. B. BUCKLEY, author of "A Short History of Natural Science."</p> | |
|--|--|

- A. C. B. . A. CRUM BROWN, M.D., LL.D., F.R.S., Professor of Chemistry, University of Edinburgh.
A. E. BATEMAN, Board of Trade, London [article BOARD OF TRADE].
- A. G. B. . Prof. A. G. BOURNE, Presidency College, Madras.
- A. J. B. . A. J. BUTLER, M.A., Examiner H.M. Education Department, London.
- A. M. B. . A. M. BROADLEY, author of "Tunis, Past and Present."
- B. B. . BENJAMIN BAKER, C.E., London.
- C. B. . Rev. CHARLES BOUTELL, author of "English Heraldry."
- C. BL. . Miss CLEMENTINA BLACK, author of "Orlando."
- C. A. B. . C. A. BUCHHEIM, Ph.D., Professor of German Literature, King's College, London.
- C. A. BR. . Rev. Prof. C. A. BRIGGS, D.D., Union Theological Seminary, New York.
- C. A. G. B. . Captain C. A. G. BRIDGE, R.N.
- C. B. B. . CHARLES BERTRAM BLACK, late of Santiago, Chili.
- C. E. D. B. . C. E. D. BLACK, Clerk for Geographical Records, India Office, London.
- C. F. B. . C. F. BASTABLE, M.A., Professor of Political Economy, Queen's College, Galway.
- C. N. B. . C. NORMAN BAZALGETTE, Barrister-at-Law, London.
- C. O. B. . Captain C. ORD BROWNE, R.A., Lecturer on Armour Plates, Woolwich.
- C. V. B. . C. V. BOYS, Science School, South Kensington.
- C. W. B. . Rev. C. W. BINGHAM, M.A., Melcombe Horsey, Dorset.
- C. W. BO. . Rev. C. W. BOASE, M.A., Lecturer in Modern History, Exeter College, Oxford.
- D. B. . . Rev. DAVID BALSILLIE, M.A., late House Governor of Donaldson's Hospital, Edinburgh.
- D. BR. . Sir DIETRICH BRANDIS, K.C.I.E., Ph.D., F.R.S.
- E. B. . . Sir EDMUND BECKETT, Bart., Q.C., LL.D. (Lord Grimthorpe), author of "Clocks and Locks."
- E. A. B. . E. A. BOND, LL.D., C.B., late Keeper of the British Museum.
- E. D. B. . EDWIN DAMPIER BRICKWOOD, London.
- E. D. BU. . E. D. BUTLER, British Museum.
- E. H. B. . Sir EDWARD H. BUNBURY, Bart., author of "History of Ancient Geography."
- E. L. B. . E. L. BURLINGAME, Scribner's Magazine, New York.
- E. W. B. . EDWARD W. BRABROOK, F.S.A., Registry of Friendly Societies, London.
- F. B. . . Prof. FEBRE BARNABEI, Director of Museum of Antiquities, Rome.
- F. E. B. . FRANCIS EVERS BEDDARD, M.A., Zoological Gardens, London.
- F. H. B. . F. H. BUTLER, M.A., Assoc. R. S. Mines, London.
F. JEFFREY BELL, B.A., Professor of Comparative Anatomy, King's College, London [article HEDGEHOG].
- G. B. . . Sir GEORGE BIRDWOOD, M.D., C.S.I.
- G. BR. . Prof. GEORGE BRYCE, Manitoba College, Winnipeg, Canada.
GEORGE BURNETT, LL.D., Scottish Lyon King at Arms [articles MAR, &c.].
- G. D. B. . Very Rev. GEO. DAVID BOYLE, M.A., Dean of Salisbury.
- G. G. B. . Very Rev. G. GRANVILLE BRADLEY, D.D., Dean of Westminster.
- G. H. B. . G. H. BIANCHI, M.A., St Peter's College, Cambridge.
G. PHILLIPS BEVAN, author of "Industrial Classes and Statistics" [articles FLANNEL, FLOWERS].
- G. v. B. . G. VON BUNSEN, Berlin.
- G. W. B. . GEORGE W. BALFOUR, M.D., Edinburgh.
- H. B. . . H. BAUERMAN, F.G.S., author of "Metallurgy of Iron."
- H. B. B. . H. B. BRIGGS, London.
- H. F. B. . H. F. BROWN, Venice.
- J. B. . . JOHN BALL, M.A., F.R.S., author of "The Alpine Guide."
- J. BI. . . Hon. JOHN BIGELOW, New York.
- J. BL. . . JAMES BLYTH, M.A., Professor of Natural Philosophy, Anderson's College, Glasgow.
- J. BO. . . JAMES BONWICK, author of "The Lost Tasmanian Race."
- J. BR. . . JAMES BRYCE, LL.D., D.C.L., M.P., Regius Professor of Civil Law, University of Oxford.
JAMES BURNLEY, Bradford [article BRADFORD].
- J. C. B. . J. C. BUCKMASTER, Art Division, South Kensington.
- J. E. B. . J. E. BAILEY, Manchester.
- J. F. B. . JOHN F. BATEMAN, F.R.S., President of the Institution of Civil Engineers, London.
- J. G. B. . J. G. BERTRAM, author of "Harvest of the Sea."
- J. G. BA. . J. GILBERT BAKER, F.R.S., Royal Herbarium, Kew.
- J. H. B. . J. HUTTON BALFOUR (the late), M.D., F.R.S., Regius Keeper, Botanic Garden, Edinburgh.
- J. H. BL. . Rev. J. H. BLUNT, D.D., author of "Dictionary of Doctrinal and Historical Theology."
- J. S. B. . J. STUART BLACKIE, LL.D., late Professor of Greek, University of Edinburgh.
- J. S. BL. . JOHN SUTHERLAND BLACK, M.A., Assistant Editor of the Encyclopædia Britannica.
- J. T. B. . J. T. BUNCE, F.S.S., Birmingham.
- J. T. BR. . J. TAYLOR BROWN, Edinburgh.
J. T. BEALBY, B.A. [articles TALEA, &c.].
- J. T. W. B. . J. T. W. BACOT, Seaton, Devon.
- J. Y. B. . J. Y. BUCHANAN, F.R.S., late of the "Challenger" Expedition.
- M. B. . . MONTAGUE BROWNE, author of "Practical Taxidermy."
- M. M. B. . M. M. BACKUS, Fur Merchant, New York.
- N. B. . . Sir NATHANIEL BARNABY, K.C.B., late Director of Naval Construction, Whitehall.
- O. B. . . OSCAR BROWNING, M.A., Fellow of King's College, Cambridge.
- P. B. . . PETER BAYNE, LL.D., author of "Life and Letters of Hugh Miller."
- R. B. . . ROBERT BROWN, Ph.D., author of "Races of Mankind."
- R. BA. . . RICHARD BAGWELL, M.A., D.L., of Innislonagh, Clonmel, Ireland.
- R. H. M. B. . R. H. M. BOSANQUET, Professor of Acoustics, Royal College of Music, London.
- R. M. B. . R. M. BALLANTYNE, author of "The Life Boat."

- R. S. B. . Sir ROBERT S. BALL, LL.D., F.R.S., Astronomer-Royal of Ireland.
- S. B. . SAMUEL BIRCH, LL.D., D.C.L., late Keeper of Egyptian and Assyrian Antiquities, British Museum.
- S. F. B. . SPENCER F. BAIRD, LL.D., author of "Food of Fishes of the United States."
- S. H. B. . S. H. BURBURY, M.A., Barrister-at-Law, London.
SAMUEL P. BATES [article HOOKER, Joseph].
- T. B. . THOMAS BOLAS, F.C.S., London.
THOMAS BAYNE, Helensburgh [article PHILIPS, Ambrose and John].
T. CRAIG BROWN, author of "History of Selkirkshire" [article SELKIRK].
- T. S. B. . THOMAS SPENCER BAYNES (the late), LL.D., Professor of Logic, University of St Andrews, and Editor of the *Encyclopædia Britannica*.
- U. B. . II Conte UGO BALZANI, Rome.
- W. B. . Rev. W. BRADEN, author of "The Beautiful Gleaner."
- W. BE. . WALTER BESANT.
WM. BLADES, author of "Numismata Typographica" [article GUTENBERG].
- W. C. B. . W. C. BARTLETT, LL.D., San Francisco.
W. DE GREY BIRCH, British Museum [article GRIFFIN].
W. G. BINNEY, author of "Shells of North America" [article GOULD].
W. HARNETH BLANCH, author of "Dulwich College and Edward Alleyn" [article DULWICH].
W. H. BROWNE, Baltimore [article BALTIMORE].
W. H. BREWER, Sheffield Scientific School, Yale College, New Haven, Conn. [article WHEAT, American].
- W. J. B. . Rev. W. J. BRODRIBB, M.A., Wootton Rivers Rectory, Wilts.
- W. T. B. . W. T. BRANTLY, Baltimore, Md.
- C
- A. C. . ALEXANDER CRUICKSHANK, LL.D., Aberdeen.
- A. C*. . Rev. ARTHUR CARR, M.A., St Sebastian Vicarage, Wokingham, Berks.
- A. CA. . ARTHUR CAYLEY, LL.D., F.R.S., Sadlerian Professor of Pure Mathematics, University of Cambridge.
Rev. ANDREW CARTER, Stirling [articles KEN, LYTE].
Miss A. CORKRAN [article HUME, Joseph].
- A. B. C. . Rev. ARCH. BROWNING CONNELL, M.A., Dundee.
- A. H. C. . A. H. CHURCH, F.R.S., Professor of Chemistry, Royal Academy of Arts, London.
- A. M. C. . Miss A. M. CLERKE, author of "History of Astronomy during the 19th Century."
- A. R. C. . Col. ALEX. ROSS CLARKE, R.E., C.B., F.R.S.
- A. S. C. . A. S. COLE, Art Division, South Kensington.
- B. C. . BENJAMIN CARRINGTON, London.
BERNARD CRACROFT (the late), member of London Stock Exchange [article ACCOUNT].
- C. C. . CHARLES CREIGHTON, M.A., M.D., London.
- C. CO. . CHARLES COOPER, Editor of the *Scotsman*, Edinburgh.
- C. C. C. . Col. CHARLES CORNWALLIS CHESNEY, R.E., author of "Waterloo Lectures."
- C. G. C. . Rev. C. G. CURTIS, M.A., Chaplain to the British Embassy, Pera.
- C. H. C. . CHARLES H. COOTE, British Museum.
- C. R. C. . Major CONDER, R.E., Director of Palestine Exploring Expedition.
- D. C. . DONALD CAMPBELL, M.D., F.S.A., Ballachulish, Argyllshire.
- D. K. C. . D. KINNAR CLARK, C.E., London.
- E. C. . EDWARD CAIRD, LL.D., Professor of Moral Philosophy, University of Glasgow.
Miss E. CLERKE, London [article MATILDA].
- E. H. H. C. . Lieut.-Col. E. H. H. COLLEN, R.A., C.S.I., Bengal Staff Corps.
- F. C. . Rev. F. CROMBIE, D.D., Professor of Divinity, University of St Andrews.
F. CHAPMAN, Dunedin, N.Z. [article DUNEDIN].
- F. C. H. C. . Lieut.-Col. F. C. H. CLARKE, R.A., C.M.G.
- F. DE C. . F. DE CHAUMONT, M.D., late Professor of Military Hygiene, Army Medical School, Netley.
- F. E. C. . FRANCIS E. COLENZO, M.A., Barrister-at-Law, London.
- F. H. C. . F. HAYNE CARTER, C.A., author of "Practical Book-Keeping."
- F. J. C. . F. J. CAMPBELL, Principal of Royal Normal College for the Blind, Upper Norwood, London.
- F. M. C. . F. M. CAIRD, M.B., F.R.C.S.E., Lecturer on Surgery, Edinburgh.
- F. W. C. . F. W. CLARK (the late), LL.D., Sheriff of Lanarkshire.
- F. W. C*. . FRANCIS WARRE CORNISH, M.A., Eton College.
- F. W. CO. . FREDERICK W. COSENS, F.S.A., London.
- G. C. . Lieut.-General G. T. CHESNEY, C.B., C.S.I., C.I.E.
- G. CH. . GEO. CHRYSTAL, M.A., LL.D., Professor of Mathematics, University of Edinburgh.
Rev. GEO. B. CARR, Edinburgh [article BEDE].
- G. G. C. . GEORGE G. CHISHOLM, M.A., B.Sc., London.
- G. P. C. . Maj.-General Sir GEORGE POMEROY COLLEY (the late), K.C.S.I., C.M.G.
- G. T. C. . GEO. THOS. CLARK of Tal-y-garn, Glamorganshire.
- G. W. C. . Rev. Sir GEORGE W. COX, Bart., author of "A History of Greece."
- G. W. CA. . GEORGE W. CABLE, author of "Old Creole Days."
- H. C. . HUGH CLEGHORN, M.D., author of "Forests and Gardens of South India."
H. M. CHICHESTER, London [article ROY, Wm.].
- J. C. . JOHN CHIENE, M.D., Professor of Surgery, University of Edinburgh.
- J. CL. . JOHN CLELAND, M.D., LL.D., F.R.S., Professor of Anatomy, University of Glasgow.
- J. CO. . JAMES COLLINS, London.
JAMES COLLIER, London [articles AL-FARABI, AL-GAZALI, AL-KINDI].
- J. A. C. . JOSEPH A. CROWE, C.B., author of "Painting in Italy."
- J. A. CL. . JOHN ALGERNON CLARKE, London.
- J. C. C. . J. W. COMYNS CARR, author of "Essays in Art."
- J. D. C. . JOHN D. CHAMPLIN, jun., New York.
Rev. JAS. FREEMAN CLARKE, D.D., Boston, Mass. [article FLINT, Timothy].

- J. G. C. . Rev. J. G. CAZENOVE, D.D., author of "The A Priori Argument of God."
- J. L. C. . JOSHUA L. CHAMBERLAIN, President, Bowdoin College, Brunswick, Maine.
- J. M. C. . Rev. JAMES M. CROMBIE, author of "Lichenes Britannici."
- J. S. C. . Rev. J. S. CANDLISH, D.D., Professor of Divinity, Free Church College, Glasgow.
- J. S. CO. . J. S. COTTON, M.A., author of *India* in "Colonies and Dependencies Series."
- J. T. C. . J. T. CUNNINGHAM, M.A., Fellow of University College, Oxford.
- L. C. . . LEWIS CAMPBELL, LL.D., Professor of Greek, University of St Andrews.
- L. H. C. . The Right Hon. LEONARD H. COURTNEY, M.A., M.P.
- M. C. . . Rev. MANDELL CREIGHTON, LL.D., D.C.L., Dixie Professor of Ecclesiastical History, University of Cambridge, Canon of Worcester.
- M. CA. . Prof. MORITZ CANTOR, Ph.D., University of Heidelberg.
- M. D. C. . MONCURE D. CONWAY, author of "The Wandering Jew."
- M. W. C. . MORGAN W. CROFTON, D.Sc., F.R.S., Fellow of the Royal University of Ireland.
- O. P. C. . Rev. O. PICKARD CAMBRIDGE, M.A., author of "New and Rare Spiders."
- P. C. . . Capt. PHILIP CARDEW, R.E., Instructor in Electricity, School of Military Engineering, Chatham.
- P. CA. . . PETER CAMERON, author of *Hymenoptera* in "Biologia Centrali-Americana."
- P. L. C. . P. L. CONNELLAN, Rome.
- P. T. C. . Prof. P. T. CLEVE, University of Upsala.
- R. C. . . RICHARD CAULFIELD, LL.D., author of "Holy Trinity Parish, Cork."
- R. CA. . . ROBERT CARRUTHERS, LL.D., author of "Life of Alexander Pope."
- R. C. C. . RICHARD C. CHRISTIE, Staines.
- R. W. C. . Very Rev. RICHARD WM. CHURCH, M.A., D.C.L., Dean of St Paul's, London.
REGINALD W. CORLASS [article NICHOLSON].
- S. C. . . SIDNEY COLVIN, M.A., Keeper of Prints and Drawings, British Museum.
Miss S. D. COLLET, author of "Outlines and Episodes of Brahmic History" [article ROY RAMMAHUN].
S. R. CROCKER [article COLUMBIA, S.C.].
- T. C. . . THOMAS CODRINGTON, C.E., Local Government Board, Whitehall.
THOMPSON COOPER, author of "Biographical Dictionary" [articles CAPGRAVE, CHALLONER, &c.].
- T. C. C. . T. C. CHAMBERLIN, President, State University of Wisconsin, Madison.
- T. K. C. . Rev. T. KELLY CHEYNE, D.D., Oriel Professor of Interpretation of Scripture, Oxford.
- T. K. CH. T. K. CHAMBERS, M.D., author of "A Manual of Diet."
- T. W. C. . T. W. CAMERON, Newcastle.
- W. C. . . WM. CROOKES, F.R.S., President of the Chemical Society, London.
- W. CH. . WM. CHAPELL, author of "A History of Music."
- W. CU. . Rev. WM. CUNNINGHAM, B.D., Trinity College, Cambridge.
- W.A.B.C. Rev. W. A. B. COOLIDGE, M.A., Editor of "The Alpine Journal."
- W. B. C. . WM. B. CARPENTER, M.D., C.B., LL.D., F.R.S.
- W. B. C*. W. B. COOLEY, U.S. Post Office Department.
W. C. COCHRANE, Attorney, Cincinnati, O. [article LYNCH LAW].
- W. E. C. . WM. EDMUND CROTHERS, Belfast.
- W. L. C. . Rev. W. LUCAS COLLINS, M.A., Editor of "Ancient Classics for English Readers."
- W.L.R.C. W. L. R. CATES, joint author of "Encyclopædia of Chronology."
- W. P. C. . W. PRIDEAUX COURTNEY, Ecclesiastical Commissioners, Whitehall.
- W. T. C. . W. T. CHESTER, New York.

D

- A. D. . . H. AUSTIN DOBSON, author of "At the Sign of the Lyte."
- A. DE. . ALEX. DEL MAR, author of "History of the Precious Metals."
A. DENDY, B.Sc., F.L.S. [article WIGHT, Isle of].
- A. B. D. . Rev. A. B. DAVIDSON, D.D., LL.D., Professor of Hebrew, New College, Edinburgh.
ALEX. P. DAVIDSON, Edinburgh [articles GEIGER, GOTHENBURG].
C. M. DOUGHTY, author of "Travels in Arabia" [article ONEIZA].
- D. W. D. . S. WRIGHT DUNNING, New York.
EDWIN DUNKIN, F.R.S., author of "Notices of Astronomers" [article HANSEN].
- E. S. D. . ENEAS S. DALLAS, author of "Poetics, an Essay on Poetry."
- E. S. DR. EATON S. DRONE, author of "Law of Copyright and Playright."
F. B. DEXTER, Professor of American History, Yale College, Conn. [article NEW HAVEN].
- F. D. . . FRANCIS DARWIN, M.A., M.B., F.R.S., author of "The Life and Letters of Charles Darwin."
- F. DE C. . F. DE CHAUMONT, M.D., late Professor of Military Hygiene, Royal Army Medical School, Netley.
- F. DR. . FREDERICK DRUMMOND, Brighton.
- G. E. D. . Surgeon-Major G. E. DOBSON, F.Z.S., F.R.S., author of "Insectivora, Systematic and Anatomical."
- G. H. D. . GEO. H. DARWIN, LL.D., F.R.S., Plumian Professor of Astronomy and Experimental Philosophy, University of Cambridge.
- G. P. D. . Rev. G. PALMER DAVIES, Berlin.
- H. D. . . Rev. Prof. HENRY DRUMMOND, M.A., author of "Tropical Africa."
H. DEBY, Brussels [articles MECHLIN, OSTEND, &c.].
Rev. H. M. DEXTER, Boston, Mass. [article MATHER].
- I. D. . . ISRAEL DAVIS, Barrister-at-Law, London.
- J. D. . . JAMES DONALDSON, LL.D., Principal of St Andrews University.
- J. D*. . . JOHN DOWSON, late Professor of Hindustani, University College, London.
- J. D†. . . JOHN DAVIS, Editor of the *Tribune*, Junction City, Kansas.
- J DA. . . Rev. JAMES DAVIES (the late), M.A., Prebendary of Hereford Cathedral.

- J. DO. . . JOHN DORAN, Ph.D., author of "Memories of our Great Towns."
 JAMES DEWAR, M.A., F.R.S., Jacksonian Professor of Natural Experimental Philosophy, University of Cambridge [articles ACID, AMMONIA, &c.].
 JAMES DRENNAN, Land Valuator, Ayr.
- J. D. D. . J. DALZIEL DOUGALL, author of "Shooting, its Appliances, Practice, and Purpose."
- J. E. D. . J. E. DAVIS, late Legal Adviser, Metropolitan Police, London.
- J. F. D. . Sir J. FREDERICK DICKSON, K.C.M.G., late of Ceylon.
- J. L. E. D. . J. L. E. DREYER, Ph.D., Astronomer, Armagh Observatory.
 J. R. DRAKE [article FOSTER, S. C.].
- K. E. D. . KENELM E. DIGBY, M.A., Barrister-at-Law, London.
- M. D. . . Rev. MARCUS DODS, D.D., author of "Mohammed, Buddha, and Christ."
 M. DELGUEURE, Brussels [article LOUVAIN].
 P. E. DOVE, London [articles JUNG, KNOT].
- R. K. D. . ROBERT K. DOUGLAS, Professor of Chinese, King's College, London.
- S. D. . . Rev. SAMUEL DAVIDSON, D.D., author of "Introduction to the Old and New Testament."
- S. A. D. . SAMUEL A. DRAKE, New York.
- S. W. D. . S. WRIGHT DUNNING, New York.
- T. D. . . THOMAS DAVIDSON, LL.D., author of "British Fossil Brachiopoda."
- T. DA. . . THOS. DAVIDSON, author of "The Philosophical System of Rosmini."
 THOS. DAVIDSON, Edinburgh [article MACNEILL].
- T. W. R. D. . T. W. RHYS DAVIDS, Ph.D., LL.D., Professor of Pâli and Buddhist Literature, University College, London.
 VICTOR DINGELSTEDT, Tiflis [articles SHEMAKHA, SHUSHA].
- W. D. . . WM. DITTMAR, LL.D., F.R.S., Professor of Chemistry, Anderson's College, Glasgow.
- W. DE. . Prof. WILHELM DEECKE, Ph.D., author of "Corssen und die Sprache der Etrusker."
 WM. DURIE [articles ALFRED, &c.].
- W. B. D. . W. BOYD DAWKINS, M.A., F.S.A., F.G.S., F.R.S., Professor of Geology, Owens College, Manchester.
 W. B. D'ALMEIDA, F.R.G.S., Barrister-at-Law, London [articles MALACCA, MANILA].
 Sir WM. FETTES DOUGLAS, LL.D., P.R.S.A. [article GORDON, Watson].
- W. T. T. D. . W. T. THISELTON DYER, B.Sc., C.M.G., F.R.S., Director, Royal Gardens, Kew.
- E
- A. B. E. . Miss AMELIA B. EDWARDS, author of "A Thousand Miles up the Nile."
- A. C. E. . ALEX. C. EWALD, F.S.A., Public Record Office, London.
- A. J. E. . ARTHUR J. EVANS, M.A., author of "Through Bosnia on Foot."
- A. J. E*. . ALEX. J. ELLIS, F.S.A., author of "Early English Pronunciation."
- C. B. E. . Lieut.-General CHARLES B. EWART, R.E., C.B.
- C. I. E. . CHARLES I. ELTON, B.A., Q.C., M.P., London.
 DAN. GIRAUD ELLIOT, author of "Monograph of the Felidæ" [article JAGUAR].
- E. E. . . Lady EASTLAKE, author of "Memoir of Sir Charles Eastlake."
- E. ED. . . EDWARD EDWARDS, author of "Libraries and Founders of Libraries."
 FRANK M. ESTING, Philadelphia, Pa. [article GIRARD, S.].
- G. E. E. . Rev. GEO. E. ELLIS, D.D., Boston, Mass.
 Rev. GEO. H. EMERSON, D.D., Editor of "Christian Leader," Boston, Mass. [article UNIVERSALISTS].
- H. E. . . HERMANN ETHÉ, Ph.D., Professor of Oriental Languages, University College, Aberystwith.
- J. E. . . JULIUS EGGELING, Ph.D., Professor of Sanskrit, University of Edinburgh.
- J. A. E. . J. A. EWING, B.Sc., F.R.S., Professor of Engineering, University College, Dundee.
 Rev. ROBERT EWING, M.A., St John's College, Oxford [article SHAIKP].
- W. K. E. . Col. W. KIDSTON ELLES, C.B., Adjutant-General in India.
- F
- A. F. . . A. FÜHRER, Ph.D., Allahabad.
- A. C. F. . A. CAMPBELL FRASER, LL.D., D.C.L., Professor of Logic and Metaphysics, University of Edinburgh.
- A. H. F. . Rev. A. HOLLINGWORTH FROST, M.A., Cambridge.
- A. M. F. . Rev. A. M. FAIRBAIRN, D.D., Principal, Mansfield Independent College, Oxford.
- A. M.-F. . A MOREL-FATIO, École Nationale des Chartes, Paris.
- C. A. F. . C. ALAN FYFFE, M.A., author of "A History of Modern Europe."
- C. A. M. F. CHARLES A. M. FENNELL, Litt.D., Cambridge.
- C. C. P. F. Captain C. C. PENROSE FITZGERALD, R.N.
- C. L. N. F. C. LE NEVE FOSTER, D.Sc., H.M. Inspector of Metalliferous Mines.
- D. W. F. . DOUGLAS W. FRESHFIELD, M.A., author of "The Italian Alps."
- E. F. . . Right Hon. Lord Justice Sir EDWARD FRY, F.R.S.
- E. A. F. . E. A. FREEMAN, LL.D., D.C.L., Regius Professor of Modern History, University of Oxford.
- F. F. . . FRANCIS FRANCIS, author of "A Book on Angling."
- F. W. F. . Ven. F. W. FARRAR, D.D., F.R.S., Archdeacon of Westminster.
- G. F. . . GEORGE FERGUSON, LL.D., late Professor of Humanity, University of St Andrews.
- G. FL. . . GEORGE FLEMING, LL.D., C.B., Principal Veterinary Surgeon, War Office, London.
- G. H. F. . Rev. GEO. HAY FORBES, late of St Serf's, Burntisland.
- H. J. E. F. H. J. E. FRASER, M.A., Advocate, Edinburgh.
- H. O. F. . HENRY O. FORBES, author of "A Naturalist's Wanderings in the Eastern Archipelago."
- J. F. . . JOHN FERGUSON, M.A., Professor of Chemistry, University of Glasgow.
- J. FR. . . Rev. JOHN FRASER (the late), University of Chicago.
- J. G. F. . J. G. FITCH, H.M. Inspector of Schools, Whitehall.

- J. G. FR. . J. G. FRAZER, M.A., Fellow of Trinity College, Cambridge.
- J. R. F. . J. R. FINDLAY, author of "Personal Recollections of De Quincey."
- J. T. F. . Rev. J. T. FOWLER, M.A., Lecturer in Hebrew, University of Durham.
- J. W. F. . J. WALTER FERRIER, St Andrews.
- M. F. . . MICHAEL FOSTER, M.D., F.R.S., Professor of Physiology, University of Cambridge.
- M. G. F. . Mrs MILLICENT GARRETT FAWCETT, author of "Political Economy for Beginners."
- P. F. . . PERCY FITZGERALD, author of "Romance of the English Stage."
- R. F. . . Rev. ROBERT FLINT, D.D., LL.D., Professor of Divinity, University of Edinburgh.
- R. B. F. . Prof. R. B. FULTON, University of Mississippi, Oxford, Miss.
- ROBERT W. FELKIN, M.D., joint author of "Uganda and the Eastern Soudan" [articles UGANDA, &c.].
- S. F. . . Sir SAMUEL FERGUSON, LL.D., Q.C., late Deputy Keeper of Public Records, Dublin.
- T. F. . . THOMAS FOWLER, D.D., Professor of Logic, University of Oxford.
- T.G.G.F. T. G. G. FAUSSETT, Canterbury.
- W. F. . . WILLIAM FARR, M.D., D.C.L., F.R.S., C.B., late Superintendent of Statistics, Registrar-General's Office, London.
- Rev. WM. FERGUSON, Barrow [article BARROW-IN-FURNESS].
- W. E. F. . WILLIAM E. FOSTER, Providence, R.I.
- W. H. F. . WM. H. FLOWER, LL.D., F.R.S., C.B., Director of the Natural History Departments, British Museum.
- W. W. F. . W. WYNNE FFOULKES, M.A., Chester.

G

- G. . . . The Right Hon. Lord GRIMTHORPE, LL.D. (Sir Edmund Beckett), author of "Clocks and Locks."
- A. G. . . Major ARTHUR GRIFFITHS, H.M. Inspector of Prisons, Home Office, Whitehall.
- A. G*. . . ARTHUR GAMGEE, M.D., F.R.S., Fullerian Professor of Physiology, Royal Institution of Great Britain.
- A. GA. . . ANDREW GARRAN, Editor of *The Herald*, Sydney, N.S.W.
- A. GE. . . ARCHIBALD GEIKIE, LL.D., F.R.S., Director-General, Geological Survey of the United Kingdom.
- A. GI. . . ALEXANDER GIBSON (the late), M.A., Advocate, Edinburgh.
- A. GO. . . Rev. ALEX. GORDON, M.A., Belfast.
- A. GR. . . Sir ALEXANDER GRANT (the late), Bart., LL.D., D.C.L., Principal, University of Edinburgh.
- ALBERT GRAY, Barrister-at-Law, London [article LACCADIVES].
- A. B. G. . Rev. A. B. GROSART, LL.D., author of "Life of Michael Bruce."
- A. C. G. . ALBERT C. L. G. GÜNTHER, M.D., Ph.D., F.R.S., Keeper of the Zoological Department, British Museum.

ANGELO DE GUBERNATIS, Professor of Sanscrit and Comparative Literature, Reale Istituto Superiore, Florence [articles GIUSTI, GOLDONI, &c.].

- A. E. G. . A. E. GOUGH, M.A., Principal of the Madrasa, Calcutta.
- A. G. G. . A. G. GREENHILL, M.A., Professor of Applied Mathematics, Royal Artillery College, Woolwich.
- A. V. G. . A. VON GUTSCHMID (the late), Professor of Ancient History, University of Tübingen.
- BARTHOLOMEW GUNSZT, London [articles PRESSBURG, &c.].
- C. G. . . CHARLES GIBBON, author of "Life of George Combe."
- C. D. G. . Rev. C. D. GINSBURG, LL.D., author of "Commentary on Ecclesiastes."
- D. G. . . Sir DOUGLAS GALTON, K.C.B., LL.D., D.C.L., F.R.S., Chairman of Council, Society of Arts, London.
- D. GI. . . DAVID GILL, LL.D., F.R.S., Astronomer-Royal, Cape of Good Hope.
- EDWIN GOADBY, York [articles LOUGHBOROUGH, SCARBOROUGH].
- E. J. W. G. E. J. W. GIBB, author of "Ottoman Poems."
- E. L. G. . EDWIN L. GODKIN, Editor of "The Nation," New York.
- E. P. G. . Commander EDWIN J. P. GALLWEY, R.N.
- E. W. G. . EDMUND W. GOSSE, M.A., author of "Studies in the Literature of Modern Europe."
- F. H. G. . FRANCIS HINDES GROOME, Edinburgh.
- F. J. G. . Major-General Sir FREDERIC J. GOLDSMID, K.C.S.I., C.B.
- F. W. G. . Rev. F. W. GOTCH, LL.D., Bristol.
- G. G. . . GEORGE GRUB, LL.D., Professor of Law, Aberdeen.
- G. B. G. . G. BROWN GOODE, Assistant Secretary, Smithsonian Institution, Washington, D.C.
- H. G. . . HUGH GODFRAY, M.A., late Fellow, St John's College, Cambridge.
- H. G*. . HENRY GANNETT, Geological and Geographical Department, Washington, D.C.
- H. GA. . HENRI GAUSSERON.
- H. GO. . HENRY GOUDY, LL.B., Advocate, Edinburgh.
- J. G. . . JAMES GLAISHER, F.R.S., President, Photographic Society, London.
- J. GA. . . JAMES GAIRDNER, Public Record Office, London.
- J. GI. . . JOHN GIBSON, author of "Science Gleanings."
- J. GO. . . J. GOODALL, Dulwich.
- J. GR. . . JOSEPH GREEN, author of "The Republic of Uruguay."
- J. GU. . . JOHN GUNN, F.R.G.S., "Challenger" Expedition Office.
- Rev. JOHN GORDON, Kenilworth [article BAXTER Richard].
- J. E. G. . Prof. J. E. GOODRICH, University of Vermont, Burlington, Vt.
- J. G. G. . J. GREY GLOVER, M.D., London.
- J. G. G*. . J. G. GOODCHILD, Geological Survey Office, London.
- J. H. G. . J. H. GALLÉE, Ph.D., Professor of Teutonic Languages, University of Utrecht.

- Miss JULIET H. GOODWIN, Newport, R.I. [articles AMHERST, &c.]
- J. M. G. . JOHN M. GRAY, Curator, Scottish National Portrait Gallery, Edinburgh.
- J. R. G. . JOSEPH REAY GREENE, M.D., author of "Manual of the Animal Kingdom."
- J. R. G*. . J. RAYMOND GASQUET, M.B., Brighton.
- J. S. S.-G. JOHN S. STUART-GLENNIE, author of "Pilgrim Memories."
- J. W. L. G. J. W. L. GLAISHER, D.Sc., F.R.S., President, Royal Astronomical Society, and Lecturer in Mathematics, Trinity College, Cambridge.
- K. G. . K. GELDNER, Ph.D., Professor of Philology, University of Halle.
- K. E. G. . K. E. GOEBEL, Ph.D., Professor of Botany, University of Rostock.
- L. V. G. . Prof. LUDWIG VON GRAFF, Ph.D., University of Graz, Austria.
- M. J. DE G. M. J. DE GOEJE, Ph.D., Professor of Arabic, University of Leyden.
- P. G. . PERCY GARDNER, Litt.D., Disney Professor of Archaeology, University of Cambridge.
- P. GE. . PATRICK GEDDES, Professor of Botany, University College, Dundee.
- P. L. G. . PHILIP LYTTTELTON GELL, M.A., Balliol College, Oxford.
Maj.-General Q. A. GILLMORE, U.S. Army [article GALVESTON].
- R. G. . RICHARD GARNETT, LL.D., British Museum.
- R. GR. . ROBERT GRAY, Peterhead.
- R. B. G. . Rev. R. B. GIRDLESTONE, M.A., late Secretary, British and Foreign Bible Society.
- ST. G. . STANISLAS GUYARD, author of "Theorie Nouvelle de la Métrique Arabe."
S. H. GAY, author of "A Popular History of the United States" [articles OTIS, QUINCY, Josiah].
- S. R. G. . S. RAWSON GARDINER, LL.D., author of "History of the Great Civil War."
- T. G. . THOMAS GALLOWAY, F.R.S., author of "Probability."
- T. GI. . THOMAS GILRAY, M.A., Professor of Modern History and English Literature, University College, Dundee.
- T. GR. . THOMAS GRAY, B.Sc., F.R.S.E., Glasgow.
- W. G. . WILLIAM GARNETT, M.A., Principal, College of Physical Science, Newcastle.
- W. GI. . WM. GISBORNE, author of "Official Handbook of New Zealand, 1883-84."
WILLIAM GUTHRIE, LL.D., Sheriff-Substitute of Lanarkshire [articles ABATEMENT, &c.].
- W. D. G. WM. DUGUID GEDDES, LL.D., Principal, University of Aberdeen.
Maj.-Gen. Sir W. H. R. GREEN, K.C.S.I., C.B. [articles BALUCHISTAN, KHELAT, &c.].

H

- H. . . The Right Hon. Lord HOUGHTON, D.C.L., F.R.S., author of "Monographs, Personal and Social."
- A. H. . ABRAHAM HAYWARD, Q.C., author of "Biographical and Critical Essays."

- A. HA. . ADOLF HARNACK, D.D., Professor of Church History, University of Berlin.
ALFRED HOPKINSON, M.A., Professor of Jurisprudence, Owens College, Manchester [articles GAUUS, &c.].
- A. A. W. H. A. A. W. HUBRECHT, Ph.D., LL.D., Professor of Zoology, University of Utrecht.
- A. C. H. . A. C. HARRIS, Indianapolis, Ind.
- A. F. H. . A. F. HUTCHISON, M.A., Rector, High School, Stirling.
- A. J. H. . A. J. HIPKINS, F.S.A., author of "Musical Instruments, Historic, Rare, and Unique."
- A. S. H. . Misses HORNER, author of "Walks through Florence."
- A. T. H. . Prof. A. T. HADLEY, New Haven, Conn.
- A. V. H. . Baron ANATOLE VON HÜGEL, Curator, Museum of Archaeology, University of Cambridge.
- A. W. H. . ARTHUR WILLIAM HARE, M.B., Professor of Surgery, Owens College, Manchester.
- C. A. H. . Sir CHARLES A. HARTLEY, K.C.M.G., author of "Inland Navigations in Europe."
- C. H. H. . Prof. C. H. HITCHCOCK, Dartmouth College, Hanover, N.H.
- C. H. H*. CHARLES C. HART, Curator, Numismatic and Antiquarian Society, Philadelphia.
- E. H. . Miss E. HAMILTON.
- E. HA. . Rev. EDWIN HATCH, D.D., University Reader in Ecclesiastical History, Oxford.
- E. HU. . E. HÜBNER, Ph.D., Professor of Classical Philology, University of Berlin.
- E. E. H. . Rev. EDWARD E. HALE, A.M., Boston.
- E. L. H. . Rev. EDWARD L. HICKS, M.A., Fenny Compton Rectory, Leamington.
- E. M. H. . E. M. HOLMES, Curator of Museum, Pharmaceutical Society, London.
- E. P. H. . E. P. HANNA, Department of the Interior, Washington, D.C.
- E. W. H. . E. W. HOBSON, M.A., Lecturer in Mathematics, Christ's College, Cambridge.
- E. W. H. H. E. W. H. HOLDSWORTH, author of "Deep Sea Fishing, and Fishing Boats."
- F. H. . FRANCIS HUEFFER, Ph.D., author of "Musical Studies."
- G. H. . Rev. GEORGE HENSLOW, M.A., author of "The Origin of Floral Structures."
- G. F. H. . GEO. F. HOOPER, late of the Admiralty Library, Whitehall.
- G. W. H. . GEO. W. HOTCHKISS, Secretary, Lumberman's Exchange, Chicago, Ill.
- H. H. . HENRI HYMANS, Conservateur, Bibliothèque Royale, Brussels.
- H. HI. . HANS HILDEBRAND, Ph.D., Secretary, Royal Academy of History and Archaeology, Stockholm.
- H. A. H. . H. A. HUSBAND, M.B., author of "Forensic Medicine and Medical Police."
- H. C. H. . Rev. HORACE C. HOVEY, New Haven, Conn.
Rev. H. G. BONAVIA HUNT, Mus.B., Warden, Trinity College, London [articles FLUTE, FORKEL].
- H. H. H. . Prof. HUGO H. HILDEBRANDSSON, Director, Meteorologiska Observatorium, Upsala.

- H. R. H. . Rev. H. R. HAWES, M.A., author of "Music and Morals."
- J. H. . . JOHN HUNTER, late Hon. Secretary, British Bee-Keepers' Association.
- J. H*. . . Major JEDIDIAH HOTCHKISS, Staunton, Va.
- J. HO. . . JOHN HOPKINSON, C.E., D.Sc., F.R.S., author of "Dynamic Electricity."
- JOSEPH HODGSON, Editor, *Daily Register*, Mobile, Ala. [article MOBILE].
- JOHN HORNE, Geological Survey of Scotland [article OASES].
- J. A. H. . J. A. HJALTALIN, Reykjavik, Iceland.
- J. F. H. . J. F. HUDSON, Pittsburgh, Pa.
- J. H. H. . J. H. HESSELS, M.A., author of "Haarlem, the Birthplace of Printing."
- J. R. H. . J. RUSSELL HIND, LL.D., F.R.S., Superintendent of the "Nautical Almanac," London.
- J. R. H*. . Major J. R. HUBBARD, New York.
- J. SMITH HOMANS [articles ADRIAN, ALTOONA].
- J. W. H. . J. WESLEY HALES, M.A., Professor of English Language, King's College, London.
- L. F. V.-H. L. F. VERNON-HARCOURT, M.A., C.E., Professor of Civil Engineering and Surveying, University College, London.
- M. H. . . Rev. M. HARVEY, St John's, Newfoundland.
- M. F. H. . M. F. HEDDLE, M.A., late Professor of Chemistry, University of St Andrews.
- M. T. H. . Prof. M. Th. HOUTSMA, University of Leyden.
- O. H. . . OLAUS HENRICI, Ph.D., LL.D., F.R.S., Professor of Mechanics and Mathematics, London Institute.
- P. H. . . PETER HENDERSON, Jersey City, N.J.
- P. G. H. . P. G. HAMERTON, author of "The Graphic Arts."
- Rev. P. HAY HUNTER, Yester, East Lothian [articles CLYDE, Lord, &c.].
- R. H. . . ROBERT HEDDERWICK, Glasgow.
- R. A. H. . R. A. HILL, Royal Mint, London.
- R. B. HALDANE, M.A., M.P., author of "Life of Adam Smith" [articles HERACLITUS, LAMETTRIE].
- R. D. H. . R. DREW HICKS, M.A., Lecturer in Classics, and Fellow of Trinity College, Cambridge.
- R. T. H. . R. T. HILL, author of "Geological Knowledge of Texas," U.S. Geological Survey.
- S. H. . . SHIRLEY HIBBERD, author of "The Ivy."
- T. H. . . THOMAS HODGKIN, LL.D., D.C.L., author of "Italy and her Invaders."
- THOMAS HUTCHISON, Kirkcaldy [article KIRK-CALDY].
- T. E. H. . THOS. E. HOLLAND, D.C.L., Chichele Professor of International Law and Diplomacy, University of Oxford.
- T. F. H. . T. F. HENDERSON, London.
- T. H. H. . THOS. H. HUXLEY, M.D., LL.D., D.C.L., F.R.S., Hon. Professor of Biology, Normal School of Science and Royal School of Mines, London.
- T. H. H*. Major T. H. HOLDICH, R.E.
- T. L. H. . T. L. HEATH, B.A., London.
- W. H. . . Sir WILLIAM HAMILTON, Bart., late Professor of Logic and Metaphysics, University of Edinburgh.
- W. HA. . Rev. WM. HANNA, D.D., author of "Memoir of Chalmers."
- W. HE. . WALTER HEPWORTH, Art Department, South Kensington.
- W. HO. . WYNNARD HOOPER, M.A., London.
- W. A. H. . WILLIAM ALFRED HINDS, author of "American Communities."
- W. A. HE. WM. A. HERDMAN, D.Sc., Professor of Natural History, University College, Liverpool.
- W. B. H. . W. B. HUNTER, M.D., Smedley's Institution, Matlock Bath.
- W. E. H. . WM. ERNEST HENLEY, author of "A Book of Verses."
- W. E. HO. W. E. HOYLE, M.A., late of the "Challenger" Expedition.
- W. F. H. . WM. FRED. HUNTER (the late), LL.B., Advocate.
- W. P. H. . W. P. HARPER, London.
- W. W. H. Sir WILLIAM W. HUNTER, K.C.S.I., C.I.E., LL.D., late Director of Statistics to the Government of India.

I

- J. K. I. . J. KELLS INGRAM, LL.D., Senior Lecturer, Trinity College, Dublin.

J

- ANDREW JERVISE, author of "Epitaphs and Inscriptions in North-East Scotland" [articles BANFF, BANFFSHIRE].
- B. J. . . Prof. B. JÜLG (the late), University of Innsbruck.
- B. D. J. . B. DAYDON JACKSON, Secretary, Linnean Society, London.
- C. P. J. . C. PIERPOINT JOHNSON, Editor of Sowerby's "Wild Flowers."
- D. J. . . Most Rev. Archbishop D. JACOBINI, Rome.
- E. J. . . EMIL JUNG, Ph.D., Leipsic.
- E. JE. . . E. JEWILL, Torpoint, Cornwall.
- F. J. . . FLEEMING JENKIN (the late), F.R.S., Professor of Engineering, University of Edinburgh.
- H. J. . . HENRY JONES (Cavendish).
- H. JA. . . HENRY JACKSON, Litt.D., Fellow, and Prælector in Ancient Philosophy, Trinity College, Cambridge.
- H. I. J. . H. I. JENKINSON, Keswick.
- J. J. . . J. JOHNSTON, Milwaukee, Wis.
- J. H. J. . J. HENRY JOHNSON, Solicitor, London.
- J. R. J. . J. R. JACKSON, Curator of Museum, Royal Botanic Gardens, Kew.
- J. Y. J. . J. YATE JOHNSON, author of "Handbook to Madeira."
- K. J. . . KEITH JOHNSTON (the late), F.R.G.S.
- OLIVER JOHNSON, New York, author of "Garrison, a Sketch of his Life" [article GARRISON].
- R. C. J. . RICH. CLAVERHOUSE JEBB, Litt.D., LL.D., Professor of Greek, University of Glasgow.
- W. L. J. . W. LEIGHTON JORDAN, author of "The Argentine Republic, a Descriptive and Historical Sketch."
- W. S. J. . W. S. JEVONS, F.R.S., author of "Theory of Political Economy."

K

- A. B. W. K. A. B. W. KENNEDY, C.E., F.R.S., Professor of Engineering in University College, London.

- A. H. K. . A. H. KEANE, Professor of Hindustani, University College, London.
- C. K. . CHARLES KENT, author of "Charles Dickens as a Reader."
- C. C. K. . Major C. C. KING, R.M., late Professor of Tactics, &c., Royal Military College, Sandhurst.
- C. G. K. . CARGILL G. KNOTT, D.Sc., Imperial University, Tokio, Japan.
- C. M. K. . Prof. C. M. KAN, Amsterdam.
- D. K. . DAVID KAY, F.R.G.S., author of *Austria*, in the "Foreign Countries Series."
- D. K*. . D. KALTBRUNNER, Paris, author of "Manuel de Voyageur."
- F. K. . Prof. F. KJELLMAN, University of Upsala.
- G. W. K. . Very Rev. GEO. WM. KITCHIN, D.D., Dean of Winchester.
- I.G.N.K.-F. Hon. ION G. N. KEITH-FALCONER (the late), M.A., Lord Almoner's Reader of Arabic, University of Cambridge.
- J. D. J. K. Lieutenant J. D. JERROLD KELLY, United States Navy.
- J. E. K. . Senator JOHN E. KENNA, Charleston, W. Va.
- J. S. K. . J. SCOTT KELLIE, Librarian, Royal Geographical Society, London.
- K. K. . K. KESSLER, Ph.D., University of Marburg.
- M. K. . MICHAEL KERNEY, London.
- P. K. . PHILIP KELLAND (the late), F.R.S., Professor of Mathematics, University of Edinburgh.
- P. A. K. . Prince PETR A. KROPOTKINE, late Member of the Imperial Russian Geographical Society, St Petersburg.
- R. J. K. . R. J. KING (the late), Crediton, Devon.
- T. K. . THOMAS KIRKUP, M.A., author of "An Inquiry into Socialism."
- W. C. K. . Prof. W. C. KERR, late State Geologist, Raleigh, North Carolina.
- W. F. K. . W. F. KIRBY, joint-author of "Introduction to Entomology."
- L**
- A. L. . ANDREW LANG, LL.D., author of "Myths, Ritual, and Religion."
- A. LA. . ALFRED LARGE, Donaldson's Hospital, Edinburgh.
- A. O. L. . A. C. OUGHTER LONIE, Kinghorn, Fife.
- A. R. L. . ALBERT R. LEEDS, Stevens Institute of Technology, Hoboken, N.J.
- C. J. L. . CHARLES JAMES LYALL, M.A., C.I.E., author of "Sketch of the Hindustani Language."
- D. J. L. . D. J. LEECH, M.D., Professor of Materia Medica, Owens College, Manchester.
- E. R. L. . EDWIN RAY LANKESTER, LL.D., F.R.S., Professor of Zoology and Comparative Anatomy, University College, London.
- E. T. L. . E. T. LEFROY (the late), of *The Freeman's Journal*, Dublin.
- F. L. . F. LIEBERMANN, Ph.D., Berlin.
- F. M. L. . F. MAXWELL LYTE, F.C.S., London.
- G. M. L. . GEO. M. LOW, F.F.A., Manager, Edinburgh Life Assurance Company.
- G. W. L. . G. W. LATHAM (the late), of Bradwall Hall, Cheshire.
- H. L. . HENRY LETHEBY (the late), M.B., Ph.D., Medical Officer of Health to the City of London.
- H. LA. . Rev. HENRY LATHAM, M.A., Fellow of Trinity Hall, Cambridge.
- H. LAING [article ESQUIRE].
- H. CABOT LODGE, author of "Albert Gallatin" [article GALLATIN].
- H. D. L. . HENRY D. LITTLEJOHN, M.D., Lecturer in Medical Jurisprudence, School of Medicine, Edinburgh.
- H. R. L. . Rev. HENRY R. LUARD, D.D., Fellow of Trinity College, Cambridge.
- J. L. . Hon. JOHN LOWELL, Boston, Mass.
- J. LE. . JAMES LEGGE, LL.D., Professor of Chinese, University of Oxford.
- JOHN LOMAS, author of "Sketches in Spain from Nature, Art, and Life" [articles SEGOVIA, &c.].
- J. A. LANGFORD, Birmingham [art. STAFFORD, &c.].
- JOSEPH H. LAMPREY, London [articles APENNINES, BADAKHSHAN].
- J. J. L. . JOHN J. LAKE, Birmingham.
- J. K. L. . JOHN K. LAUGHTON, M.A., R.N., Lecturer in Naval History, Royal Naval College, Greenwich.
- J. K. L*. . Prof. J. K. LORD, Dartmouth College, Hanover, New Hampshire.
- J. N. L. . J. NORMAN LOCKYER, F.R.S., author of "Chemistry of the Sun."
- J. P. L. . Prof. J. PETER LESLEY, State Geologist, Philadelphia.
- J. P. N. L. Prof. J. P. N. LAND, University of Leyden.
- J. R. L. . Rev. J. RAWSON LUMBY, D.D., Norrisian Professor of Divinity, University of Cambridge.
- Rev. P. LANDRETH, author of "Studies and Sketches in Modern Literature" [article GILFILLAN].
- P. A. L. . Rev. PONSONBY A. LYONS, London.
- P. S. L. . P. R. SCOTT LANG, M.A., B.Sc., Professor of Mathematics, University of St Andrews.
- R. L. . RICHARD LODGE, M.A., Tutor and Librarian, and Fellow of Brasenose College, Oxford.
- R. F. L. . Rev. R. F. LITLEDAL, LL.D., D.C.L., London.
- R. S. L. . R. STUART LANE, Japanese Legation, London.
- T. L. . Surgeon-General Sir THOMAS LONGMORE, C.B., Professor of Clinical and Military Surgery, Army Medical School, Netley.
- T. DE L. . A. TERRIEN DE LACOUPERIE, Professor of Indo-Chinese Philology, University College, London.
- T. H. L. . T. HAYTER LEWIS, late Professor of Architecture, University College, London.
- T. H. LI. . THOS. HENRY LISTER, author of "The Life of Edward, First Earl of Clarendon."
- T. M. L. . Rev. T. M. LINDSAY, D.D., Professor of Divinity and Church History, Free Church College, Glasgow.
- Rev. W. LOCKHART, Procuratore Generale dei Rosminiani, Rome.
- M**
- M. . . The Right Hon. Lord MACAULAY.
- A. M. . ARTHUR MAW, Trowbridge, Salop.
- A. M*. . Rev. ALLAN MENZIES, B.D., Abernethy, Perthshire.
- A. MA. . ALEX. MACALISTER, M.D., F.R.S., Professor of Anatomy, University of Cambridge.

- A. M'D. . A. MACDONALD, London.
- A. M.-F. . ALFRED MOREL-FATIO, Secrétaire d'École Nationale des Chartes, Paris.
- A. MÜ. . Prof. A. MÜLLER, University of Königsberg.
- A. A. M. . ARTHUR A. MACDONELL, M.A., Ph.D., Oxford.
- A. B. M. . ALEX. B. MACDOWALL, London.
- A. B. M'G. . A. B. M'GRIGOR, LL.D., Glasgow.
- A. D. M. . ALBERT D. MICHAEL, F.Z.S., F.R.M.S., London.
- A. S. M. . ALEX. STUART MURRAY, LL.D., British Museum.
- A.W.K.M. . A. W. K. MILLER, British Museum.
- Æ. M. . ÆNEAS J. G. MACKAY, LL.D., Sheriff of Fife.
- C. M. . . Very Rev. CHARLES MERIVALE, D.D., D.C.L., Dean of Ely.
- C. MA. . CHARLES MAUNOIR, Secrétaire, Société de Géographie de Paris.
- C. C. M. . C. C. MAXWELL, author of "History of Dundee."
- C. G. M'C. . Rev. CHARLES G. M'CRIC, Ayr.
C. N. B. MUSTON, Edinburgh [articles CANTERBURY, N.Z., &c.].
- C. R. M. . CLEMENTS R. MARKHAM, C.B., F.R.S., Secretary, Royal Geographical Society, London.
- D. M. . . Rev. D. MEIKLEJOHN, Lochgoilhead.
- D. MA. . DAVID MASSON, LL.D., Professor of English Literature, University of Edinburgh.
- D. B. M. . DAVID BINNING MONRO, M.A., Provost of Oriel College, Oxford.
- D. H. M. . D. H. MÜLLER, Professor of Semitic Languages, University of Vienna.
- D.H.M'A. . D. H. M'ADAM, St Louis, Mo.
- E. M. . . Maj.-Gen. EARDLEY MAITLAND, R.A., C.B., Director-General, Ordnance Factories, Woolwich.
E. MARZIALS, London [article JASMIN].
- F. M. . . Miss FLORA MASSON, Edinburgh.
- F. M*. . FALCONER MADAN, M.A., Sub-librarian, Bodleian Library, Oxford.
- F. MA. . FREDERICK MARTIN (the late), Editor of the "Statesman's Year Book."
- F. MU. . FINDLAY MUIRHEAD, M.A., late of Leipsic.
- F. M. M. . FRIEDRICH MAX MÜLLER, LL.D., Corpus Professor of Comparative Philology, University of Oxford.
- G. M. . . GEO. MAW, Benthall Hall, Broseley, Salop.
- G. M'A. . Rev. GEORGE M'ARTHUR, M.A., Sub-editor of the *Encyclopædia Britannica*.
- G. ME. . GASTON MEISSAS, Paris.
- G. MU. . GEORGE R. MILNE MURRAY, British Museum.
- G. A. M. . Sir GEORGE A. MACFARREN (the late), Mus. Doc., Professor of Music, University of Cambridge.
- G. B. M'C. . Maj.-Gen. GEO. B. M'CLELLAN, U.S. Army.
- G. F. M. . Rev. GEORGE F. MACLEAR, D.D., Warden of St Augustine College, Canterbury.
- H. M. . . HUGH MILLER, Geological Survey of Scotland, Edinburgh.
HUGH M'ALL, Lisburn, Co. Antrim [article BELFAST].
- H. MO. . Prof. H. MOHN, Meteorological Institute, Christiania.
- H. A. M. . Captain HENRY AUGUSTUS MORIARTY, R.N., C.B.
- H. J. M. . H. J. MATTHEWS, Brighton.
- H. N. M. . H. N. MOSELEY, LL.D., F.R.S., Professor of Anatomy, University of Oxford.
- H. R. M. . HENRY R. MILL, D.Sc., author of "Elementary Commercial Geography."
- J. M. . . JOHN MACPHERSON, M.D., author of "The Baths and Wells of Europe."
- J. M*. . . JAMES MUIRHEAD, LL.D., Professor of Civil Law, University of Edinburgh.
- J. M†. . . JOHN MACDONELL, Barrister-at-Law, London.
- J. MA. . . JOHN MACDONALD, London.
- J. MA*. . JULIAN MARSHALL, author of "Annals of Tennis."
- J. M'D. . JAMES MACDONALD, LL.D., Glasgow.
- J. M'G. . JAMES MACGREGOR, author of "The Rob Roy on the Jordan."
JAMES MACAULAY, M.D., Editor, *Leisure Hour*, London [article TRACT SOCIETIES].
- J. ME. . . JOSEPH MEDILL, Chicago, Ill.
- J. MO. . . The Right Hon. JOHN MORLEY, LL.D., M.P.
- J. MU. . . JOHN MURRAY, Ph.D., LL.D., Director of the "Challenger" Expedition Office, Edinburgh.
J. MASSON, Dundee [article BABRIUS].
- J.A.H.M. . J. A. H. MURRAY, LL.D., D.C.L., Editor of "A New English Dictionary on Historical Principles."
- J. B. M. . J. BASS MULLINGER, M.A., Librarian, St John's College, Cambridge.
- J. C. M. . J. CLERK MAXWELL (the late), D.C.L., F.R.S., Professor of Experimental Physics, University of Cambridge.
- J. C. MO. . J. COTTER MORISON, M.A., author of "The Life and Times of St Bernard."
- J. F. M. . J. F. MUIRHEAD, late of Leipsic.
- J. F. M*. . Colonel J. F. MAURICE, R.A., Professor of Military Art and History, Staff College, Farnborough.
- J. F. M'L. . JOHN F. M'LENNAN, LL.B., Advocate, Edinburgh.
- J. G. M. . J. G. M'KENDRICK, M.D., LL.D., F.R.S., Professor of the Institutes of Medicine, University of Glasgow.
- J. H. M. . J. HENRY MIDDLETON, F.S.A., Slade Professor of Fine Art, University of Cambridge.
- J. M. M'C. . JOHN M. M'CANDLISH, Manager and Actuary, Scottish Union and National Insurance Company, Edinburgh.
JOHN M. D. MEIKLEJOHN, M.A., Professor of Education, University of St Andrews [article MANN].
- J. S. M. . JOHN S. MACKAY, LL.D., Mathematical Master, Edinburgh Academy.
- J. T. M. . J. THEODORE MERZ, author of *Leibniz*, in "Philosophical Classics for English Readers."
- L. A. M. . LEONARD A. MONTEFIORE (the late), B.A., London.
- M. M'M. . General Sir WILLIAM M. S. M'MURDO, K.C.B.
- M. T. M. . MAXWELL T. MASTERS, M.D., F.L.S., F.R.S., London.
- O. M. . . ORME MASSON, M.A., D.Sc., Professor of Chemistry, University of Melbourne.
- P. M. . . PAUL MEYER, Professor of the Languages and Literature of Southern Europe, Collège de France, Paris.
- P. M*. . . Sir PHILIP MAGNUS, Organizing Director, Central Institution of the City and Guilds of London Institute.
- P. W. . P. W. STUART MENTEATH, Paris [articles ANDORRE, BASQUE PROVINCES].

- R. M. . . Rev. ROBERT MOFFAT, D.D., author of "History of Missionary Labours in South Africa."
- R. M'K. . ROBERT MACKAY, Architect, Perth.
- R. M'L. . ROBERT M'LACHLAN, F.R.S., author of "A Synopsis of the Trichoptera of the European Fauna."
- R. M'L*. . General ROBERT M'LAGAN, R.E.
- R. ME. . RAPHAEL MELDOLA, F.R.S., Professor of Applied Chemistry, Finsbury Technical College, London.
- R. MU. . ROBERT MUNRO, M.A., M.D., Kilmarnock.
- R. MU*. . Rev. ROBERT MUNRO, M.A., B.D., F.S.A.S., Old Kilpatrick, Dumbartonshire.
- R. C. M. . R. C. MENZIES, Inveresk Paper Mills, Musselburgh.
- R. H. MAJOR, late Secretary, Royal Geographical Society [article HENRY the Navigator].
- R. W. MICOU, Waterbury, Conn. [article WATERBURY].
- St G. M. St GEORGE MIVART, M.D., Ph.D., F.R.S., author of "Lessons from Nature as manifested in Mind and Matter."
- T. M. . . THOMAS MORLEY, M.I.N.A., London.
- T. MA. . Sir THEODORE MARTIN, K.C.B.
- T. M'C. . T. R. H. M'CLATCHIE, Yokohama, Japan.
- T. M'L. . Rev. THOMAS M'LAUCHLAN, D.D., author of "The Early Scottish Church."
- T. MO. . THOMAS MOORE, F.L.S., late Curator, Royal Botanic Garden, Chelsea.
- T. MU. . THOMAS MUIR, LL.D., Mathematical Master, High School, Glasgow.
- T. E. M. . Right Hon. Sir THOMAS ERSKINE MAY (the late), K.C.B., D.C.L. (Lord Farnborough), Clerk of the House of Commons, Westminster.
- V. M. . . VICTOR MAHILLON, Conservateur de Musée, Conservatoire Royal de Musique, Brussels.
- W. M. . . WILLIAM MINTO, M.A., Professor of English Language, University of Aberdeen.
- W. M*. . W. MOORE, Principal Surveyor for Tonnage, Board of Trade, London.
- W. M'D. . WILLIAM M'DOWALL, author of "Chronicles of Lincluden."
- WILLIAM MELVEN, Hillhead, Glasgow [article RENFREW].
- W. MI. . Rev. WM. MILLIGAN, D.D., Professor of Divinity and Biblical Criticism, University of Aberdeen.
- W. MO. . WILLIAM MORRIS, author of "Decorative Arts and Modern Life and Progress."
- W. C. M. . WM. C. M'INTOSH, M.D., LL.D., F.R.S., Professor of Natural History, University of St Andrews.
- W. O. M. . WILLIAM O'CONNOR MORRIS, Tullamore, King's County, Ireland.
- W. R. M. . W. R. MORFILL, M.A., author of "Slavonic Literature."
- W.R.M'N. W. R. M'NAB, M.D., Professor of Botany, Royal College of Science, Dublin.
- A. NI. . . ALEX. NICOLSON, LL.D., Advocate, Sheriff-Substitute of Renfrewshire.
- A. NO. . . ADOLF NOREEN, Ph.D., University of Upsala.
- A. B. NETTLETON, Minneapolis, Min. [article ST PAUL, MIN.].
- A. V. N. . A. V. NEWTON, late of the Office for Patents, London.
- CHARLES NISBET, London [articles SCUTARI, &c.].
- C. B. N. . C. B. NORMAN, author of "Colonial France."
- C. H. N. . Col. Sir CHARLES B. P. N. H. NUGENT, R.E., K.C.B.
- E. N. . . Prof. ERNEST NYS, University of Brussels.
- E. B. N. . E. W. B. NICHOLSON, M.A., Librarian of the Bodleian Library, Oxford.
- E. T. N. . E. T. NEWTON, Palæontologist, Geological Survey of the United Kingdom, London.
- H. N. . . HENRY NICOL (the late), London.
- H. A. N. . H. ALLEYNE NICHOLSON, M.D., D.Sc., Professor of Natural History, University of Aberdeen.
- H. A. N*. . HUBERT A. NEWTON, Professor of Mathematics, Yale College, New Haven, Conn.
- H. J. N. . H. J. NEWMAN, Editor, *Ridley's Wine and Spirit Trade Circular*, London.
- J. N. . . JOHN NICHOL, LL.D., Professor of English Language and Literature, University of Glasgow.
- J. NI. . . JAMES NICOL, author of "Elements of Mineralogy."
- J. F. N. . J. FR. NYSTRÖM, Ph.D., University of Upsala.
- J. G. N. . Col. J. G. NICOLAY, author of "Life of Abraham Lincoln."
- J. S. N. . Rev. JAS. SPENCER NORTHCOTE, D.D., joint author of "Roma Sotteranea."
- J. S. N*. . Prof. J. S. NEWBERRY, Columbia College School of Mines, New York.
- J. S. N†. . JOS. SHIELD NICHOLSON, D.Sc., Professor of Political Economy, University of Edinburgh.
- J. T. NAAKE, British Museum [articles GOGOL, &c.].
- S. N. . . SIMON NEWCOMB, F.R.S., Superintendent of the U.S. Nautical Almanack, Washington, D.C.
- T. N. . . THOMAS NICHOLS, British Museum.
- TH. N. . Prof. THEODOR NÖLDEKE, University of Strassburg.
- W. J. N. . JOHN NOBLE, Clerk to the Legislative Assembly, Cape of Good Hope.
- WM. JAMES NOBLE, Barrister-at-Law, London [article GLAUBER].

O

- N
- A. N. . . ALFRED NEWTON, F.R.S., Professor of Zoology and Comparative Anatomy, University of Cambridge.
- A. NE. . . ALEXANDER NESBITT, F.S.A., author of "South Kensington Handbook on Glass."

- A. v. O. . A. VON ORELLI, Ph.D., Professor of the Institutes of Jurisprudence, University of Zurich.
- C. O'N. . CHARLES O'NEILL, author of "Chemistry of Calico Printing."
- E. O. . . EDWARD ORTON, LL.D., State Geologist and Professor of Geology, University of Ohio, Columbus, O.
- E. O'M. . Rev. EUGENE H. O'MEARA, A.B., Newcastle Lyons Rectory, Co. Dublin.
- EDMUND OLLIER, London [articles ALSACE, &c.].
- E. C. O. . Miss ELISE C. OTTÉ, Translator of Humboldt's "Cosmos."
- Rev. G. J. OUSELEY, late of Catholic Apostolic Church, Edinburgh [article CATHOLIC APOSTOLIC CHURCH].
- J. D. A. O'CONNOR, Chicago [articles GALENA, &c.].

- J. C. O'D. JAS. CORNELIUS O'DOWD, C.B., Deputy Advocate-General, War Office, London.
Rev. Canon OVERTON, M.A., Epworth Rectory, Lincolnshire [article LAW, Wm.]
- J. L. O. . J. L. OHLSON, late Secretary, West India Committee, London.
- O. A. Ö. . O. ANDREAS ÖVERLAND, Assistant Keeper, Rigsarchiv, Christiania.
- R. O. . . Sir RICHARD OWEN, K.C.B., LL.D., D.C.L., F.R.S.

P

- C. P. . . Rev. CHARLES PRITCHARD, D.D., Savilian Professor of Astronomy, University of Oxford.
- C. PA. . . Cav. CESARE PAOLI, Professor of Palæography and Diplomatics, Reale Istituto Superiore, Florence.
- C. H. P. . CHARLES H. PIESSE, F.I.C., M.R.C.S., Public Analyst, Fulham District, London.
- C. K. P. . C. KEGAN PAUL, M.A., author of "William Godwin."
- C. S. P. . CHARLES STUART PARKER, M.A., M.P., London.
- D. P. . . DAVID PATRICK, M.A., Editor of "Chambers's Encyclopædia."
D. R. PEACOCK, British Vice-Consul, Batoum, Caucasus [article KUBAN].
- E. F. S. P. Mrs PATTISON (Lady Dilke), author of "Renaissance of Art in France."
- E. H. P. . E. H. PALMER, M.A., author of "Grammar of the Arabic Language."
- E. J. P. } EDWARD JAMES PAYNE, Barrister-at-Law, Lincoln's
E. J. P* } Inn, London.
- E. S. P. . E. S. POOLE, London.
- F. P. . . FRANK PARISH, London.
- F. PO. . . FREDERICK POLLOCK, LL.D., Corpus Professor of Jurisprudence, University of Oxford.
- F. A. P. . F. A. PALEY, LL.D., Editor of *Æschylus*, "Bibliotheca Classica," and *Euripides* and *Sophocles*, "Cambridge Greek and Latin Texts."
- F. B. P. . Mrs PALLISER, author of "A History of Lace."
- F. Y. P. . F. YORK POWELL, M.A., author of "Scandinavian Britain."
- G. F. P. . G. F. PARDON (Capt. Crawley), author of "Billiards: its Theory and Practice."
- G. G. P. . Rev. Canon PERRY, M.A., author of "The History of the Church of England."
- G. H. P. . Prof. G. H. PERKINS, University of Vermont, Burlington, Vt.
- G. W. P. . G. W. PROTHERO, M.A., Senior Tutor, and Lecturer in History, King's College, Cambridge.
- H. F. P. . H. F. PELHAM, M.A., Fellow of Exeter College, and University Reader in Ancient History, Oxford.
- H. R. P. . HENRY R. PROCTER, author of Paper on "Periodicity," in *Philosophical Magazine*.
- J. P. . . JOHN PEILE, Litt.D., Master of Christ's College, Cambridge.
- J. PA. . . JAMES PATON, Curator, Corporation Galleries of Art, Glasgow.
Rev. Canon PUCKLE, M.A., St Mary's Vicarage, Dover [article DOVER].
JAMES PURVES, S.S.C., Edinburgh [articles BRUCE, Michael, &c.]
- J. A. P. . Sir J. A. PICTON, author of "Memorials of Liverpool."
- J. A. P. Jr. J. ALLANSON PICTON, M.P., author of "Life of Oliver Cromwell."
- J. A. PL. . J. A. PLATT, B.A., London.
- J. B. P. . Prof. J. BELL PETTIGREW, M.D., LL.D., F.R.S., author of "Modes of Flight in relation to Aeronautics."
- J. B. PR. . Hon. J. BRADFORD PRINCE, Santa Fé, New Mexico.
- J. E. P. . Maj.-Gen. J. E. PORTLOCK (the late), R.E., Member of the Council on Military Education, Whitehall.
- J. F. P. . JOSEPH F. PAYNE, B.A., M.D., Lecturer on Pathological Anatomy, St Thomas's Hospital, London.
- J. G. P. . J. G. PYLE, St Paul, Minnesota.
- J. H. P. . J. H. POLLEN, author of "Furniture and Woodwork."
- J. L. P. . Rev. J. L. PORTER, D.D., LL.D., author of "Five Years in Damascus."
- J. P. P. . J. PERCIVAL POSTGATE, Litt.D., Professor of Comparative Philology, University College, London.
- J. R. P. . JOHN R. PROCTER, Geological Survey, Frankfort, Kentucky.
J. ROWLAND PHILLIPS, author of "The Civil Wars in Wales and the Marches" [article GLENDOWER].
- J. T. P. . J. T. PLATTS, author of "A Hindustani Dictionary."
- L. O. P. . LUKE OWEN PIKE, M.A., author of "History of Crime in England."
- M. P. . . Rev. MARK PATTISON, B.D., author of "Isaac Casaubon 1559-1614, a Biography."
- P. H. P.-S. PHILIP H. PYE-SMITH, M.D., F.R.S., Physician, Guy's Hospital, London.
- R. P. . . REINHOLD PAULI (the late), LL.D., University of Göttingen.
- R. A. P. . R. A. PROCTOR, B.A., author of "Saturn and its System."
- R. A. P* . Gen. ROGER A. PRYOR, late Confederate Army.
- R. L. P. . R. LANE POOLE, M.A., Ph.D., Lecturer in Modern History, Jesus College, Oxford.
- R. S. P. . REGINALD STUART POOLE, LL.D., Keeper of the Coins and Medals Department, British Museum.
Lieut.-Col. Sisson COOPER PRATT, R.A., Professor of Military History, Royal Military Academy, Woolwich [articles BATTERY, &c.].
- S. F. P. . Prof. S. F. PECKHAM, M.A., late U.S. Census Commissioner.
- S. H. P. . S. HOLMES PEGLER, author of "Advantages of Goat Keeping."
- S. I. P. . Rev. S. IRENÆUS PRIME, D.D., author of "Life of Morse."
- S. L. P. . STANLEY LANE POOLE, B.A., author of "Art of the Saracens."
- W. P. . . WYATT PAPWORTH, Architect, London.
- W. G. P. . WILLIAM GIFFORD PALGRAVE, B.A., author of "A Year's Journey through Central and Eastern Arabia."
- W. H. P. . WALTER H. POLLOCK, M.A., London.

- W. K. P. . WM. KITCHEN PARKER, F.R.S., author of "On Mammalian Descent."
 W.M.F.P. W. M. FLINDERS PETRIE, author of "Inductive Metrology."
 W. N. P. . W. NORWOOD POTTER, late Editor of the *City of London Chess Magazine*.
 W. T. PRICE, Louisville, Kentucky [article LOUISVILLE].

Q

- R. H. Q. . Rev. ROBERT H. QUICK, M.A., author of "Essays on Educational Reformers."

R

- R. . . The Right Hon. Lord RAYLEIGH, LL.D., D.C.L., F.R.S., Professor of Natural Philosophy, Royal Institution, London.
 ALEXANDER RAMSAY, London [articles ANDES, &c.].
 A. A. R. . A. ADAMS-REILLY, joint author of "Forbes's Life and Letters."
 A. P. R. . General A. P. ROCKWELL, Boston, Mass.
 A. W. R. . ALEX. WOOD RENTON, M.A., LL.B., Barrister-at-Law, London.
 C. J. R. . Rev. CHAS. JOHN ROBINSON, M.A., West Hackney Rectory, London.
 CHARLES J. G. RAMPINI, Advocate, Sheriff-Substitute of Elgin, formerly of Shetland [article ORKNEY AND SHETLAND].
 Rev. DAVID RUSSELL, Dunfermline [article DUNFERMLINE].
 D. C. R. . D. CONSTABLE ROBB, B.A., late of the University Museum, Oxford.
 E. R. . EDMUND ROBERTSON, LL.D., M.P., Barrister-at-Law, late Professor of Roman Law, University College, London.
 E. RE. . ÉLIE RECLUS, author of "Les Primitifs, études d'ethnologie comparée."
 EDWIN RANSOM, Bedford [article BEDFORDSHIRE].
 Miss EMILY READ [article DELAWARE].
 E. C. R. . EDWARD CALDWELL RYE, author of "British Beetles; an introduction to the study of our Indigenous Coleoptera."
 E. D. R. . Col. E. DELMÉ RADCLIFFE, author of "Falconidae in India."
 E. S. R. . ERIC S. ROBERTSON, Professor of English Literature, University of the Punjab, Lahore.
 E. T. ROWELL, Lowell, Mass. [article LOWELL].
 F. R. . . FRANK RUTLEY, F.G.S., Examiner, Science Department, South Kensington.
 F. S. R. . Col. FRANCIS SHIRLEY RUSSELL, late 1st Royal Dragoons.
 F. W. R. . FRANCIS W. ROWSELL (the late), C.B., C.M.G., Superintendent of Naval Contracts, Admiralty, Whitehall.
 F. W. R*. F. W. RUDLER, Curator, Museum of Practical Geology, Jermyn Street, London.
 G. R. . . Rev. Canon RAWLINSON, M.A., Professor of Ancient History, University of Oxford.
 G. RE. . GEORGE REID, R.S.A., Edinburgh.
 Captain GEORGE ROLAND (the late), Edinburgh.

- G. C. R. . GEO. CROOM ROBERTSON, M.A., Grote Professor of Philosophy of Mind and Logic, University College, London.
 G. F. R. . G. F. RODWELL, F.R.A.S., F.C.S., author of *A Dictionary of Science*, "Haydn Series."
 G. J. R. . GEO. JOHN ROMANES, LL.D., F.R.S., author of "Mental Evolution in Animals."
 H. R. . . HENRY REEVE, C.B., D.C.L., late Registrar, H.M. Privy Council, Whitehall.
 H. R*. . HERBERT RIX, B.A., Assistant Secretary and Librarian, Royal Society, London.
 H. RA. . HALVOR RASCH, late Professor of Zoology, Christiania.
 H. RI. . . HENRY RICHARD, author of "Memoirs of Joseph Sturge."
 H. RO. . HENRY ROGERS, author of "The Eclipse of Faith."
 H. A. R. . Prof. H. A. ROWLAND, Johns Hopkins University, Baltimore, Md.
 H. C. R. . Maj.-Gen. Sir HENRY C. RAWLINSON, K.C.B., LL.D., D.C.L., F.R.S.
 H. J. R. . HENRY JOHN ROBY, M.A., author of "Grammar of the Latin Language from Plautus to Suetonius."
 J. R. . . JOHN RAE, M.A., author of "Contemporary Socialism."
 JAMES RITCHIE, M.B., F.R.C.S.E., Edinburgh [article DIURETICS].
 Rev. JOHN ROBERTSON, Burton-on-Trent [article BURTON-ON-TRENT].
 JOHN RUSSELL, Galashiels [article GALASHIELS].
 J. M. RUSSELL, Maidstone, Kent [article MAIDSTONE].
 J. B. R. . J. B. RUNNION, Chicago, Illinois.
 J. E. T. R. J. E. THOROLD ROGERS, M.A., Professor of Political Economy, University of Oxford.
 J. H. R. . Sir JAMES HENRY RAMSAY, Bart., M.A., of Bamff.
 J. H. RI. . Rev. J. H. RIGG, D.D., author of "Churchmanship of John Wesley."
 J. M. R. . JOHN M. ROSS, LL.D., Editor of "The Globe Encyclopædia."
 J. S. R. . JAMES S. REID, Litt.D., Lecturer in Classics and Fellow of Caius College, Cambridge.
 LUINI RICCI, London [articles LESUEUR, LULLY].
 Prof. N. RENARD, Brussels [article LIMBURG, Belgian].
 R. R. . . REINHOLD ROST, Ph.D., LL.D., Librarian, India Office, London.
 S. R. . . Prof. SOPHUS RUGE, Ph.D., author of "Geschichte des Zeitalters der Entdeckungen."
 S. H. R. . Rev. S. HARVEY REYNOLDS, M.A., Vicar of East Ham, London.
 T. W. R. . T. WEMYSS REID, Editor of the *Leeds Mercury*.
 W. R. . . WHITELAW REID, Editor of the *New York Tribune*.
 W. RI. . . WILLIAM RIDGEWAY, M.A., Professor of Greek, Queen's College, Cork.
 WILLIAM RUSSELL, M.D., M.R.C.P.E., Edinburgh [article SIMPSON, J. Y.].
 W. C. R. . WM. CHANDLER ROBERTS-AUSTEN, F.R.S., Chemist of the Royal Mint, London.
 W. F. R. . W. FRASER RAE, author of "Wilkes, Sheridan, Fox: the Opposition under George III."

(the late)

- W.J.M.R. W. J. MACQUORN RANKINE, LL.D., author of "A Manual of Applied Mechanics."
 W. M. R. W. M. ROSSETTI, author of "Lives of Famous Poets."
 W.M.RA. WM. M. RAMSAY, M.A., Professor of Humanity, University of Aberdeen.
 W.R.S.R. W. R. S. RALSTON, author of "Songs of the Russian People."
 W. S. R. W. S. ROCKSTRO, author of "A General History of Music."
 W. T. R. W. T. RONSON, Registry and Record Department, India Office, London.

S

- S. . . . The Rt. Hon. the Earl of SELBORNE, D.C.L., F.R.S.
 A. S. . . ALEXANDER SMITH, author of "A Life Drama and other Poems." *(the late)*
 A. S*. . . ARTHUR SCHUSTER, Ph.D., F.R.S., Professor of Applied Mathematics, Owens College, Manchester.
 A. SE. . . ANDREW SETH, M.A., Professor of Logic, University of St Andrews.
 A. SO. . . ALBRECHT SOCIN, Ph.D., Professor of Semitic Languages, University of Tübingen.
 A. S.-P. . ANTHYME ST PAUL, author of "Histoire Monumentale de la France."
 A. SU. . . ALEXR. SUTHERLAND, M.A., Carlton College, Melbourne.
 A. C. S. . ALGERNON C. SWINBURNE.
 A. E. S. . ARTHUR EVERITT SHIPLEY, M.A., Fellow of Christ's College, and Demonstrator of Comparative Anatomy, University of Cambridge.
 A. H. S. . ARCHIBALD HENRY SAYCE, M.A., Deputy Professor of Comparative Philology, University of Oxford.
 A. L. S. . Rev. A. L. SIMPSON, D.D., Derby.
 B. S. . . BALFOUR STEWART (the late), LL.D., F.R.S., Professor of Natural Philosophy, Owens College, Manchester.
 C. A. S. . Rev. C. ANDERSON SCOTT, M.A., Aberdeen.
 C. M. S. . Prof. C. MICHIE SMITH, B.Sc., Christian College, Madras.
 C. P. B. S. C. P. B. SHELLEY, Professor of Machinery, King's College, London.
 D. S. . . DAVID STEVENSON, C.E., author of "Canal and River Engineering."
 E. S. . . EDWARD SANG, LL.D., author of "Progressive Lessons in Applied Science."
 E. S*. . . E. SCHÜRER, Ph.D., Professor of Theology, University of Giessen.
 E. SI. . . G. EDUARD SIEVERS, Ph.D., Professor of German Languages, University of Tübingen.
 EDWARD J. L. SCOTT, M.A., British Museum [article GAUDEN].
 E. A. S. . EDWARD ALBERT SCHÄFER, F.R.S., Jodrell Professor of Physiology, University College, London.
 E. G. S. . E. G. SQUIER, author of "Notes on Central America."
 E. M. S. . Mrs HENRY SIDGWICK, Cambridge.
 F. S. . . FRANCIS STORR, M.A., author of "Tables of Irregular Greek Verbs."

- F. SN. . . Prof. FREEMAN SNOW, Harvard University, Cambridge, Mass.
 F. E. S. . FREDERICK E. SAWYER, F.S.A., Brighton.
 F. G. S. . F. G. STEPHENS, author of "Sir Edwin Landseer."
 G. S. . . GEORGE SMITH, author of "Assyrian Explorations and Discoveries."
 G. S*. . . GOLDWIN SMITH, M.A., D.C.L., author of "Three English Statesmen."
 G. St. . . Prof. GUSTAV STORM, University of Christiania.
 G. SA. . . GEORGE SAINTSBURY, M.A., author of "A Short History of French Literature."
 G. SH. . . Hon. Justice SHEA, author of "Life and Epoch of Hamilton."
 G. SM. . . GEORGE SMITH, LL.D., C.I.E., Editor of "Annals of Indian Administration, 1868-69."
 G. ST. . . GEORGE STEWART, jun., Editor of the *Chronicle*, Quebec.
 G. B. S. . GEO. BARNETT SMITH, author of "Poets and Novelists: a Series of Literary Studies."
 G. E. S. . GEORGE EDMUND STREET, R.A., author of "The Gothic Architecture of Spain."
 H. S. . . HENRY SIDGWICK, Litt.D., Knightbridge Professor of Moral Philosophy, University of Cambridge.
 H. SW. . . HENRY SWEET, M.A., author of "An Anglo-Saxon Reader."
 H. M. S. . H. MORSE STEPHENS, author of "History of the French Revolution."
 J. S. . . JAMES SULLY, LL.D., author of "Sensation and Intuition."
 J. S*. . . JOHN SMITH, M.D., LL.D., Consulting Surgeon-Dentist, Edinburgh Dental Hospital and School.
 J. S., JR. . Rev. JAMES SIBREE, F.R.G.S., author of "The Great African Island."
 J. SC. . . JOHN SCOTT, F.Z.S., joint-author of "The British Hemiptera."
 J. SH. . . JAMES SHARPE, late Editor of the *Archer's Register*.
 J. SI. . . JAMES SIME, M.A., author of "Lessing," and of "A History of Germany."
 J. SM. . . JOHN SMALL (the late), LL.D., University Librarian, Edinburgh.
 J. SO. . . JOHN SOUTHWARD, London.
 J. ST. . . Dr JOHN STORER, Glasgow.
 J. St*. . . JOHAN STORM, LL.D., Professor of Philology, University of Christiania.
 JOHN STEPHEN, Edinburgh [article ACCUMULATOR].
 J. A. S. . JOHN ADDINGTON SYMONDS, M.A., author of "The Renaissance in Italy."
 J. A. S*. . J. AUSTIN STEVENS, New York, Editor of the *Magazine of American History*.
 J. C. S. . JOHN CAMPBELL SHAIRP, LL.D., author of "Culture and Religion."
 J. CH. S. . J. CH. SAWER, Tottenham, Middlesex.
 J. F. S. . Rev. J. F. SMITH, author of "Studies in Religion under German Masters."
 J. G. S. . J. D. GILMARY SHEA, LL.D., author of "Discovery and Exploration of the Mississippi Valley."
 J. H. S. . JAMES H. STODDART, late Editor of the *Glasgow Herald*.
 J. M. S. . J. MONTGOMERY STUART, late of Perugia.
 J. R. S. . JOHN R. SEELEY, LL.D., Regius Professor of Modern History, University of Cambridge.

- J. S. S.-G. JOHN S. STUART-GLENNIE, author of "Pilgrim Memories."
- J. T. S. . JOHN T. SHORT, Ph.D., Professor of History, State University, Columbus, Ohio.
- J. W. S. . J. W. SHEAHAN, Editor, *The Times*, Chicago, Ill.
- L. T. S. . Miss L. TOULMIN SMITH, Editor of "York Plays."
- M. S. S. . Prof. M. S. SNOW, Washington University, St Louis, Mo.
- N. VON SEIDLITZ, Tiflis, Caucasia [articles LESGHIANS, &c.].
- R. S. . . Lieut.-Gen. RICHARD STRACHEY, R.E., C.S.I., F.R.S., President of the Royal Geographical Society, London.
- R. SO. . . ROBERT SOMERS, author of "Trade Unions."
- R. H. S. . RICHARD HENRY STODDARD, author of "Nathaniel Hawthorne."
- R. H. S*. R. H. SMITH, Professor of Civil and Mechanical Engineering, Mason Science College, Birmingham.
- ROBERT HUNTER SEMPLE, M.D., London [article APOTHECARY].
- R. L. S. . ROBERT LOUIS STEVENSON.
- ROBERT S. STEPHEN, Advocate, Douglas, Isle of Man [article MAN, Isle of].
- S. D. F. S. Rev. S. D. F. SALMOND, D.D., Professor of Systematic Theology, Free Church College, Aberdeen.
- S. M. S.-S. SOLOMON M. SCHILLER-SZINESSY, M.A., Ph.D., Reader in Talmudic and Rabbinic Literature, University of Cambridge.
- T. S. . . THOMAS SHAW, LL.B., Advocate, Edinburgh.
- T. S*. . . THOMAS STEVENSON, M.D., Lecturer on Medical Jurisprudence, Guy's Hospital, London.
- T. SI. . . THOMAS SINCLAIR, London.
- T. ST. . . THOMAS STEVENSON, C.E., author of "Lighthouse Construction and Illumination."
- THOMAS SHEARER, Glasgow ["Boatbuilding" in article SHIP].
- T. B. S. . THOMAS BOND SPRAGUE, M.A., F.A.S., Manager, Scottish Equitable Life Assurance Society, Edinburgh.
- T. W. S. . Captain T. W. SYMONS, U.S. Engineers.
- W. S. . . WILLIAM SPALDING, author of "The History of English Literature."
- W. S.-B. . WILHELM SPITTA-BEY (the late), Keeper of the Vice-Regal Library, Cairo.
- W. SH. . WILLIAM SHARP, author of "Sonnets of this Century."
- W. SI. . . WM. SIMONS, late Superintendent of Schools, Charleston, South Carolina.
- W. SM. . WILLIAM SMITH, LL.D., D.C.L., Editor of the "Dictionary of Greek and Roman Antiquities."
- WILLIAM SIME, London [articles JOSEPHINE, &c.].
- W. STEAD, late of *Northern Echo*, Darlington [article DARLINGTON].
- W. STEEL, Carlisle [article CARLISLE].
- W. B. S. . W. BROWNING SMITH (the late), Sub-editor of the *Encyclopædia Britannica*.
- W. B. SC. WM. BELL SCOTT, London.
- Mrs W. B. SCOTT, London [article GIOBERTI].
- W. C. S. . WM. CHARLES SMITH, LL.B., Advocate, Edinburgh.
- W. C. S*. Rev. WALTER SMITH, D.D., LL.D., author of "Olig Grange."
- W. G. S. . W. G. SUMNER, Professor of Political and Social Science, Yale College, New Haven, Conn.
- W. G. SM. WORTHINGTON G. SMITH, author of "Mushrooms and Toadstools, How to distinguish."
- W. J. S. . W. JOHNSON SOLLAS, LL.D., Professor of Geology, Trinity College, Dublin.
- W. K. S. . WM. K. SULLIVAN, Ph.D., D.Sc., President, Queen's College, Cork.
- W. N. S. . WM. N. SHAW, M.A., Lecturer in Natural Science and Fellow of Emmanuel College, Cambridge.
- W. R. S. . WM. ROBERTSON SMITH, LL.D., Librarian, University of Cambridge, Editor of the *Encyclopædia Britannica*.
- W. R. SO. W. R. SORLEY, M.A., Professor of Logic and Philosophy, University College, Cardiff.
- W. S. S. . Rev. Canon SAUMAREZ SMITH, B.D., Principal, St Aidan's College, Birkenhead, Cheshire.
- W. W. S. . Rev. WALTER W. SKEAT, LL.D., Professor of Anglo-Saxon, University of Cambridge.
- W. Y. S. . WM. Y. SELLAR, LL.D., Professor of Humanity, University of Edinburgh.

T

- A. T. . . ALLEN THOMSON (the late), M.D., LL.D., D.C.L., F.R.S., Professor of Anatomy, University of Glasgow.
- A. A. T. . ARTHUR AUGUSTUS TILLEY, Fellow and Classical Lecturer, King's College, Cambridge.
- C. T. . . COUTTS TROTTER, F.R.G.S., Edinburgh.
- C. P. T. . Prof. C. P. TIELE, University of Leyden, author of "Manuel de l'Histoire des Religions."
- C. S. T. . CHARLES SISSMORE TOMES, M.A., F.R.S., London.
- C. W. T. . Sir CHARLES WYVILLE THOMSON (the late), M.D., LL.D., D.C.L., F.R.S., Director of the Challenger Expedition.
- D. T. . . DAVID THOMSON (the late), M.A., Professor of Natural Philosophy, University of Aberdeen.
- D. R. T. . Rev. Canon D. R. THOMAS, M.A., Meifod Vicarage, Montgomeryshire.
- D. W. T. . D'ARCY WENTWORTH THOMPSON, B.A., Professor of Biology, University College, Dundee.
- E. B. T. . EDWARD BURNETT TYLOR, LL.D., D.C.L., F.R.S., Keeper of the University Museum, Oxford.
- E. C. T. . E. C. THOMAS, London.
- E. F. T. . E. FAIRFAX TAYLOR, Weybridge, Surrey.
- E. M. T. . EDWARD MAUNDE THOMPSON, LL.D., D.C.L., Principal Librarian, British Museum.
- F. J. T. . Prof. F. J. TURNER, State University, Madison, Wisconsin.
- H. T. . . HENRY TRIMEN, M.B., F.R.S., Director, Royal Botanic Gardens, Ceylon.
- H. F. T. . Rev. HENRY FANSHAWE TOZER, M.A., Tutor and Fellow of Exeter College, Oxford.
- H. M. T. . HENRY MARTYN TAYLOR, M.A., Fellow of Trinity College, Cambridge.
- H. R. T. . HENRY R. TEDDER, Librarian, Athenæum Club, London.
- J. T. . . Very Rev. JOHN TULLOCH (the late), D.D., LL.D., Principal of St Mary's College, University of St Andrews.

- J. TH. . . JOSEPH THOMSON, F.R.G.S., author of "Through Masai Land."
 JOHN TAYLOR, Librarian, Free Library, Bristol [article BRISTOL].
 J. ARTHUR THOMSON, Edinburgh [article TREVIRANUS].
- J. B. T. . . J. BATTY TUKE, M.D., Lecturer on Insanity, School of Medicine, Edinburgh.
- J. B. TE. . Captain J. BRECHAN TELFER, R.N., London.
- J. W. T. . Hon. Justice TURNBULL, B.A., Pietermaritzburg, Natal.
 J. W. H. TRAILL, M.D., Professor of Botany, University of Aberdeen [articles MACGILLIVRAY, &c.].
- M. R. T. . Hon. M. RUSSELL THAYER, Philadelphia.
 MARIE VON THILO, London [article GRANADA].
- O. T. . . M. R. OLDFIELD THOMAS, British Museum.
- P. A. T. . P. A. TIELE, University Librarian, Utrecht.
- P. G. T. . P. G. TAIT, M.A., D.Sc., Sec. R.S.E., Professor of Natural Philosophy, University of Edinburgh.
- R. T. . . Sir RICHARD TEMPLE, Bart., G.C.S.I., D.C.L., M.P.
- T. T. . . Sir TRAVERS TWISS, Q.C., D.C.L., F.R.S., author of the "Law of Nations."
- T. A. T. . THOS. ADOLPHUS TROLLOPE, author of "Story of the Life of Pius IX."
 THOMAS CHAS. THORBURN, Borough Surveyor, Birkenhead [article BIRKENHEAD].
- W. T. . . Sir WILLIAM TURNER, M.B., LL.D., F.R.S., Professor of Anatomy, University of Edinburgh.
- W. T*. . WILLIAM THOMSON, M.A., Professor of Mathematics, Stellenbosch College, South Africa.
- W. TH. . Sir WILLIAM THOMSON, LL.D., F.R.S., Professor of Natural Philosophy, University of Glasgow.
- W. TU. . Rev. WILLIAM TURNER, author of "Studies, Biblical and Oriental."
- W. B. T. . WM. BERNHARD TEGETMEIER, F.Z.S., author of "The Poultry Book."
- W. C. T. . W. CAVE THOMAS, author of "Symmetrical Education."
- W. T. T. . WM. THOS. THORNTON, author of "A Plea for Peasant Proprietors."

U

- W. C. U. . W. CAWTHORNE UNWIN, B.Sc., F.R.S., Professor of Engineering, Central Institute, City and Guilds of London.

V

- A. V. . . AUGUST VOELCKER (the late), F.R.S., Professor of Chemistry, Agricultural Society of England.
 ALBERT D. VANDAM, London [articles AMSTERDAM, CASANOVA].
- A. W. V. . ARTHUR WOOLLGAR VERRALL, M.A., Lecturer in Classics and Fellow of Trinity College, Cambridge.
- E. V. . . Rev. Canon VENABLES, M.A., Precentor of Lincoln.
- J. V. . . JOHN VEITCH, LL.D., Professor of Logic and Rhetoric, University of Glasgow.
- J. B. V. . J. BEEKERING VINCKERS, Kampen, Holland.
- L. V. . . Madame LINDA VILLARI, Florence.
- L. F. V.-H. LEVESON FRANCIS VERNON-HARCOURT, M.A., C.E.,

Professor of Civil Engineering and Surveying, University College, London.

- P. V. . . Prof. PASQUALE VILLARI, Istituto Reale, Florence.
 Prof. P. J. VETH, University of Amsterdam [article MELVILL].
- S. H. V. . SYDNEY HOWARD VINES, D.Sc., F.R.S., Sherardian Professor of Botany, University of Oxford.

W

- A. W. . . ANDREW WILSON, Ph.D., Lecturer on Zoology and Comparative Anatomy, School of Medicine, Edinburgh.
- A. WH. . ALEXANDER WHYTOCK (the late), Carpet Manufacturer, Edinburgh.
- A. WI. . A. WIRÉN, Ph.D., Upsala.
- A. M. W. . A. M. WELLINGTON, Mem. Am. Soc. C. E., New York.
 A. N. WOLLASTON, C.I.E., Department of Revenue, Statistics and Commerce, India Office, London.
- A. R. W. . ALFRED R. WALLACE, author of "Theory of Natural Selection."
- A. S. W. . A. S. WILKINS, LL.D., Professor of Latin and Comparative Philology, Owens College, Manchester.
- A. W. W. ADOLPHUS WM. WARD, Litt.D., Professor of History and English Literature, Owens College, Manchester.
- A. W. W*. Major ARTHUR WELLESLEY WHITE, R.A., Instructor, School of Gunnery, Woolwich.
 ARTHUR W. WRIGHT, Professor of Molecular Physics and Chemistry, Yale College, New Haven, Conn. [article SILLIMAN].
- B. W. . . BENJAMIN WILLIAMSON, M.A., F.R.S., Professor of Natural Philosophy, University of Dublin.
- C. W. . . CORNELIUS WALFORD, author of "Famines of the World, Past and Present."
- C. H. W. . C. HEATH WILSON, author of "Life and Works of Michelangelo."
- C. P. W. . C. PAGE WOOD, Scrope, Kelvedon, Essex.
- C. R. A. W. CHARLES R. ALDER WRIGHT, D.Sc., F.R.S., London.
- D. W. . . Sir DANIEL WILSON, LL.D., President, University College, Toronto.
- D. WR. . DANIEL WRIGHT, M.D., St Andrews, late of Nepal.
- D. F. W. . DANIEL F. WRIGHT, M.D., Clarksville, Tennessee.
- E. W. . . Rev. EDWIN WALLACE, M.A., author of "Outlines of the Philosophy of Aristotle."
- E. WA. . Rev. EDMUND WARRE, D.D., Head Master of Eton College.
- F. W. . . FREDERICK WALTERS, London, late of Santiago de Chile.
- F. WA. . FRANCIS WATT, M.A., Barrister-at-Law, London.
- F. WE. . FREDERICK WEDMORE, author of "Masters of Genre Painting."
- F. A. W. . General F. A. WALKER, Superintendent, United States Tenth Census, Washington, D.C.
- F. E. W. . Rev. FREDERICK E. WARREN, B.D., Frenchay Rectory, Bristol.

- G. W. . . GEORGE WALLIS, Keeper of Art Collection, South Kensington Museum.
- H. W. . . HENRY WOODWARD, LL.D., F.R.S., Keeper of Department of Geology, British Museum.
- H. WA. . . HERMANN WAGNER, Ph.D., Professor of Geography, University of Göttingen.
- H. A. W. . . HUGH A. WEBSTER, University Librarian, Edinburgh, Sub-editor of the *Encyclopædia Britannica*.
- H. B. W. . . HENRY BRINGHURST WILSON, late of the British Museum.
- H. B. W*. . . H. B. WHEATLEY, Secretary, Topographical Society of London.
- H. E. W. . . HENRY EDWARD WATTS, Translator of "The Ingenious Gentleman, Don Quixote of La Mancha."
- H. F. W. . . H. F. WILKINSON, late of the *Field*, London.
- H. M. W. . . H. MARSHALL WARD, M.A., Professor of Botany, Royal Engineering College, Cooper's Hill.
H. TRUEMAN WOOD, M.A., Secretary, Society of Arts, London [articles MONOPOLY, TRADE MARKS].
- H. W. W. . . Rev. HENRY WM. WATSON, D.Sc., Berkeswell Rectory, Coventry.
- I. W. . . ISAAC WATTS, late Chairman, Cotton Supply Association, Manchester.
- J. W. . . JOHN WILSON (the late), Edington Mains, Berwickshire.
- J. W*. . . JAMES WARD, Sc.D., Lecturer in Moral Science and Fellow of Trinity College, Cambridge.
- J. W†. . . JAMES WILLIAMS, B.C.L., Barrister-at-Law, Lincoln's Inn, London.
- J. WA. . . JOHN WARRACK, Mercantile Marine Board, Leith.
- J. WE. . . JULIUS WELHAUSEN, D.D., Professor of Semitic Languages and History, University of Marburg.
- J. WI. . . JUSTIN WINSOR, Harvard University Librarian, Cambridge, Mass.
- J. W†*. . . Rev. JOHN WILSON, M.A., late of Abernethy, Forfarshire.
JOHN WATSON, Edinburgh [article BAIKIE].
JOSEPH WHITAKER, Proprietor of the *Bookseller*, London ["Bookselling" in article BOOK].
- J. C. W. . . JAMES CLAUDE WEBSTER, Middle Temple, Barrister-at-Law, London.
- J. C. WA. . . J. CLIFTON WARD, Keswick.
- J. D. W. . . JOSIAH DWIGHT WHITNEY, Sturgis-Hooper Professor of Geology, Harvard University, Cambridge, Mass.
- J. F. W. . . JOHN F. WHITE, LL.D., Dundee.
- J. T. W. . . General JAS. T. WALKER, R.E., C.B., LL.D., F.R.S., Director General, Trig. Survey, India.
- M. A. W. . . Mrs HUMPHRY WARD, author of "Robert Elsmere."
- R. W. . . Rev. ROBERT WALLACE, D.D., M.P., late Professor of Church History, University of Edinburgh.
- R. W*. . . RICHARD WILLIAMS, Newtown, Montgomeryshire.
- R. WI. . . ROBERT WILSON, London.
- R. M. W. . . R. MORTIMER WHEELER, Glasgow.
- R. N. W. . . RALPH NICHOLSON WORNUM, author of "Analysis of Ornament, Characteristics of Style."
- S. A. W. . . STEWART A. WYLLIE, late of Plymouth.
- S. J. W. . . Rev. S. J. WHITMEE, F.R.G.S., Rathmines, Co. Dublin.
- T. W. . . W. THEODORE WATTS, Putney Hill, London.
THOS. HUMPHRY WARD, M.A., author of "English Art in the Public Galleries of London" [article HOLLAR].
T. HOLT WHITE, London [article CALAIS].
- T. M. W. . . THOS. M'KINNON WOOD, London.
- W. W. . . WILLIAM WALLACE, M.A., Whyte's Professor of Moral Philosophy, University of Oxford.
- W. W*. . . WILLIAM WRIGHT, LL.D., Professor of Arabic, University of Cambridge.
- W. WI. . . WILLIAM WILSON, Glasgow, author of "The Swimming Instructor."
- W. WR. . . WILLIAM WRIGHT, Virginia City, Nevada.
WILLIAM WALLACE, *Herald* Office, Glasgow [article AURELIUS].
W. A. WHYTE, Edinburgh [articles BAYARD, &c.].
- W. C. W. . . WM. CRAWFORD WILLIAMSON, LL.D., F.R.S., Professor of Botany, Owens College, Manchester.
- W. D. W. . . WILLIAM DWIGHT WHITNEY, LL.D., Professor of Sanskrit, Yale College, New Haven, Conn.
- W. H. W. . . Maj.-Gen. W. H. WARDELL, R.A., late of the Royal Gunpowder Factory, Waltham Abbey.
W. H. K. WRIGHT, Librarian, Free Library, Plymouth [article PLYMOUTH].
W. M. WATSON [article COLUMBIA, District of].
- W. S. B. W. . . W. S. B. WOOLHOUSE, author of "Weights and Measures of all Nations."

Y

- C. Y. . . CHARLES YRIARTE, author of "L'Histoire de Venice."
- E. S. YOVTCHEFF, National Library, Sofia, Bulgaria [articles VARNA, WIDDIN].
FRANCIS YOUNG, London [article ALI PASHA].
- H. Y. . . Colonel HENRY YULE, R.E., C.B., LL.D., author of "The Book of Marco Polo."
- J. Y. . . JOHN YOUNG, M.D., Professor of Natural History, University of Glasgow.

. THIS LIST DOES NOT INCLUDE TRANSLATORS OR REVISERS.

